

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

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Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

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UNIFORM HAZARDOUS WASTE MANIFEST	0 H R 0 0 0 1 0 0 0 8 1	Document No.		is not		red by Federal
3. Generator's Name and Mailing Address		20	A. S	tate Manifest Doo		
US EPA Region V-Jefferson	Processing	•	1	лі 822:	155	11
77 W. Jackson Blvd., Chica		ė ä.		tate Generator's		
Generator's Phone (812)	886-7182					o Junction, Ol
. Transporter 1 Company Name	6. US EPA ID N	G				-0124009-OH
Dart Trucking Company, Inc. Transporter 2 Company Name	8. US EPA ID No	- 10- 10- 10-	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	ransporter's Phor tate Transporter's	CONTRACTOR OF THE PARTY OF THE	533-9841
. Transporter 2 Company Name	6. US EFA ID NI	ullibei	Service Training	ransporter's Phor		
. Designated Facility Name and Site Addre	ess 10. US EPA ID No	umber	Miles Color Color	tate Facility's ID		
Michigan Recovery Systems,	Inc.					
36345 Van Born Road			H. Fa	acility's Phone		
Romulus, MI 48174	MID0609					1-0998
US DOT Description (including Proper SI ID NUMB.		12. Conta	1	Total	14. Unit	I. Waste No.
HM . X Waste Flammable Liqu		No.	Туре	Quantity	Wt/Vol	
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	Liquid, N.O.S., (Oil,	not	MO	01200	P	DO13, DO30
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. Additional Descriptions for Materials List						K. Handling Code
A. App#	ERG:128					a
B. App#	ERG: 171					D
						C
						10
5. Special Handling Instructions and Addition	onal Information					
	onal Information ol Environ., Wilm., DE					
Mail CoD's to Capito		2) 652-899	9			
Mail CoD's to Capito Emergency Contact: C	l Environ., Wilm., DE Capitol Environmental (302		- 425	above by proper ship	oping na	me and are classified,
Mail CoD's to Capito Emergency Contact: 0 6. GENERATOR'S CERTIFICATION: I hereby declar packed, marked, and labeled, and are in all respi	apitol Environmental (302) e that the contents of this consignment are fully exts in proper condition for transport by highway	and accurately des	cribed a	nternational and nat	ional gov	vernment regulations.
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Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure

Federal and state regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in 40 CFR and Part 111 of Act 451 of 1994, as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994, as amended (Part

Federal and State regulations provide for additional requirements, not included in these instructions, regarding the use and management of this form (40 CFR, 49 CFR, Part 111, Part 121).

Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wmd or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDEQ.

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

- Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).
- Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown
- Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J.
- Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load.
- NOTE: The 24 hour energency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.
- Item 5. Enter the company name of the first transporter who will transport the waste.
- Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 7. If using a second transporter, enter the company name
- Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used; the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional waste streams. waste streams

Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest

Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DQT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an

appropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs

DW = Wooden drums, barrels, kegs

Fiberboard or plastic drums, barrels, kegs

Dump truck

= Tanks, portable

= Cargo tanks (tank trucks)

Y = Cylinders

CM = Metal boxes, cartons, cases

(including roll-offs)
CW = Wooden boxes, cartons, cases

= Fiber or plastic boxes, cartons, cases

BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions.

Item 14. Enter the appropriate abbreviation for the unit of measure listed below.

G = Gallons (liquids only)

P = Pounds

T = Tons (2000 lbs.)

Y = Cubic yards

Kilograms

M = Metric tons (1000 kg) N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number

Item B - H. May be required by other states

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic). K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below

Mixed Solvents Pharmaceutical				007L
Crankcase Oil				017L
Coolants and Wa	ter Soluble	Oils		019L
Other Oil (Describ	e in Item 1	1 or Item J)		021L
Brine				-022L
PCB ·		. 2		026L
Other wastes (De Antifreeze	scribe in Ite	em 11 or Iter	n J)	029L 030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	В
Conditionally Exempt Small Quantity Generator	C
Emergency Response Cleanup	Ε
Household Generated	- H
Recycled Precious Metals	P
Recycled, Reclaimed, Used or Reused	R
Universal Waste	U

INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

MANIFEST DISTRIBUTION

GENERATOR: Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility optside of Michigan when an out-of-state manifest is used mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

DESIGNATED FACILITY: Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15. Send-comments regarding these-burden statements or any other aspect of this collection, including suggestions for reducing the burden, including through use of automated collection techniques to the Director, OPPE Regulatory, Information Division, U.S. Environmental Protection Agency (2.37), 401 M St., W. Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Attention. Desk Officer for EPA, 725 17th Street, N.W., Washington, D.C., 20503. Include the OMB control number in any correspondence.



WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF **ENVIRONMENTAL QUALITY**

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Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

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7	. Trans	sporter 2 Company Name	8. US EPA ID No	ımber	E. S	tate Transporter'	s ID	
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		gnated Facility Name and Site Address Igan Recovery Systems, Inc.	10. US EPA ID No	ımber	G. S	tate Facility's ID		
		5 Van Born Road			H E	acility's Phone		
-		lus, MI 48174	NID 0 6 0 9 7	5844	\$100 Per 2000		M-52	1-0998
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b.	x	RO, Hazardouse Waste Liquid, lead), 9, MA3082, III	, N.O.S., (Oil,	004	OM	01300	P	DOOR
d.								
J		tional Descriptions for Materials Listed Above			0.00			K. Handling
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Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure all copies are legible

Federal and state regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in 40 CFR and Part 111 of Act 451 of 1994, as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994. as amended (Part

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Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wmd or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDEQ

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

- Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001)
- Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown.
- Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J
- Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load.
- NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.
- Item 5. Enter the company name of the first transporter who will transport the waste
- Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.
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NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional waste streams

- Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest
- Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DQT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs DW = Wooden drums, barrels, kegs

Fiberboard or plastic drums, barrels, kegs

DT = Dump truck

Tanks, portable

Cargo tanks (tank trucks) TC = Tank cars

CY = Cylinders

CM = Metal boxes, cartons, cases

(including roll-offs)

CW = Wooden boxes, cartons, cases CF = Fiber or plastic boxes, cartons, cases

BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions.

Item 14. Enter the appropriate abbreviation for the unit of measure listed below.

G = Gallons (liquids only)

P = Pounds T = Tons (2000 lbs.)

K = Kilograms

M = Metric tons (1000 kg)

L = Liters (liquids only)

Y = Cubic yards N = Cubic meters Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

Mixed Solvents	007L
Pharmaceutical	014L
Crankcase Oil	017L
Coolants and Water Soluble Oils	019L
Other Oil (Describe in Item 11 or Item J)	021L
Brine	022L
PCB	026L
Other wastes (Describe in Item 11 or Item J)	029L
Antifreeze	030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	B
Conditionally Exempt Small Quantity General	
Emergency Response Cleanup	E
Household Generated	Н
Recycled Precious Metals	P
Recycled, Reclaimed, Used or Reused	R
Universal Waste	U

INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

MANIFEST DISTRIBUTION

GENERATOR: Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

DESIGNATED FACILITY: Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFP Chapter 15: Send comments regarding these burden statements or any other aspect of this collection, including suggestions for reducing the burden, including through use of automated collection techniques to the Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2.37), 401 M St., S.W., Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Attention: Desk Officer for EPA, 725 17th Street, N.W., Washington, D.C., 20503. Include the OMB control number in any correspondence.



WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF **ENVIRONMENTAL QUALITY**

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Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

WASTE MANIFEST DHR 9 9 6 1 9 9 8 1 2	Manifest Document No.	_	age 1 Inform		the shaded areas red by Federal
Generator's Name and Mailing Address US EPA Region V-Jefferson Processing 77 V. Jackson Blvd., Chicago, IL 50604 Generator's Phone (812) 886-7182		B. S.	tate Manifest Doo 11 822 tate Generator's County Rd, 7	159 4 Hing	91 o Junction, O
. Transporter 1 Company Name 6. US EPA ID Nun	mber	C. S	tate Transporter's	s IUPW-	-0124009-OH
Dart Trucking Company, Inc. D H D 0 0 9 8 6	5825	D. Ti	ansporter's Phor	ne 330	533-9841
. Transporter 2 Company Name 8. US EPA ID Nun	mber	E. S	tate Transporter's	s ID	
Constraint from Section for the Management of the Land		F. Ti	ansporter's Phor	ne	
Designated Facility Name and Site Address 10. US EPA ID Nun	mber	G. S	tate Facility's ID		
Michigan Recovery Systems, Inc. 36345 Van Born Road Romulus, MI 48174 MID 0 6 0 9 7	5844	H. Fa	acility's Phone	10 -52	1-0998
US DOT Description (including Proper Shipping Name, Hazard Class, and	12. Conta	ainers	_13.	14.	I. Waste
HM ID NUMBER).	No.	Туре	Total Quantity	Unit Wt/Vol	No.
X Waste Flammable Liquid, N.O.S., (Water, Petroleum distillates), 3, UN1993, III	001	OM	00300	P	D001
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A. App# ERG:128 B. App# ERG:171					a b
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GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully an packed, marked, and labeled, and are in all respects in proper condition for transport by highway a If I am a large quantity generator, I certify that I have a program in place to reduce the volt to be economically practicable and that I have selected the practicable method of treatment present and future threat to human health and the environment; OR; if I am a small guant generation and select the best waste management method that is available to me and that I can	nd accurately designed according to application and toxicity at, storage, or ditty generator, I	cribed a cable in of was	nternational and nat aste generated to t currently available	tional government to me version to me version to	vernment regulations be I have determined which minimizes the minimize my waste
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Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

Mixed Solvents	0071
Pharmaceutical	014L
Crankcase Oil	017L
Coolants and Water Soluble Oils	019L
Other Oil (Describe in Item 11 or Item J)	021L
Brine	022L
PCB	026L
Other wastes (Describe in Item 11 or Item J)	029L
Antifreeze	030L

Item, J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	В
Conditionally Exempt Small Quantity Generator	C
Emergency Response Cleanup	E
Household Generated	H
Recycled Precious Metals	P
Recycled, Reclaimed, Used or Reused	R
Universal Waste	U

INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.*

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when Importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J

MANIFEST DISTRIBUTION

GENERATOR: Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter, Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility; and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next-transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

DESIGNATED FACILITY: Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15. Send comments regarding these burden statements or any other aspect of this collection, including suggestions for reducing the burden, including through use of automated collection techniques to the Director, OPPE Regulatory information Division, U.S., Environmental Protection Agency (2.37), 401 M St., S.W., Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Attention: Desk Office for EPA, 725-17th Street, N.W., Washington, D.C., 20503. Include the OMB control number in any correspondence.

ATT.

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-282-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF **ENVIRONMENTAL QUALITY**

DO NOT WRITE IN THIS SPACE

DIS.	REJ. 🗌	PR.

ease print or type.			F	orm Approved. OM	B No. 205	50-0039
UNIFORM HAZARDOUS WASTE MANIFEST 1. Ge 0 H	nerator's US EPA ID No. R Ø Ø Ø 1 Ø Ø Ø 8 1 2	Manifest ocument No. 1 5 9 1	oj	is not law.	requi	the shaded areas red by Federal
Generator's Name and Mailing Address US EPA Region V-Jefferson Proce		20	A. S	tate Manifest Doc		
77 W. Jackson Blvd., Chicago,			B. S	tate Generator's I	D	
4. Generator's Phone (812) 886-7	7182					o Junction, OH
5. Transporter 1 Company Name	6. US EPA ID Num	3-				-0124009-OH
Dart Trucking Company, Inc.	D H D Ø Ø 9 8 6			ransporter's Phon		533-9841
7. Transporter 2 Company Name	8. US EPA ID Num	iber	1.45%1.0198988	tate Transporter's ransporter's Phon		4
Designated Facility Name and Site Address	10. US EPA ID Num	her	255/16/4096F6	tate Facility's ID	le	
Michigan Recovery Systems, Inc.		ibei	0.0	tate a pointy s is		
36345 Van Born Road			H. Fa	acility's Phone		
Romulus, MI 48174	MID06097	5.844		80	0-52	1-0998
11. US DOT Description (including Proper Shipping I HM ID NUMBER).	Name, Hazard Class, and	12. Cont	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X Waste Flammable Liquid, M Petroleum distillates), 3		001	DM		P	D001
X RO, Hazardouse Waste Liquilead), 9, NA3082, III	uid, N.O.S., (Oil,	004	DМ	01300	P	DOOY, DOOD DO DOOY, DOOS, DO DOOS, DOOS, DO DOOS, DOOS
C.	* ** **					
d.	*.				7 8	in Printer The Market Collection Depth of the Collection
J. Additional Descriptions for Materials Listed Abov A. App# B. App#	ERG:128 ERG:171					a b
15. Special Handling Instructions and Additional Info Mail CoD's to Capitol Env Emergency Contact: Capitol 16. GENERATOR'S CERTIFICATION: I hereby declare that the packed, marked, and labeled, and are in all respects in pro If I am a large quantity generator, I certify that I have to be economically practicable and that I have selecte present and future threat to human health and the er generation and select the best waste management metho	contents of this consignment are fully and oper condition for transport by highway as a program in place to reduce the volued the practicable method of treatment, invironment; OR; if I am a small quentity od that is available to me and that I can a	d accurately des coording to appli me and toxicit storage, or di ty generator, l afford.	cribed a icable in y of wa sposal have n	nternational and nati aste generated to the currently available nade a good faith of	ne degre	vernment regulations. ee I have determined which minimizes the minimize my waste Date
Crinted Property For Money Con	SE, OSC MONO	3 Min	Mu			Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Ma		n. A.	7	-		Date
Printed/Typed Name	Signature				1	Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Ma	aterials / auf	Jany		·		Date
Printed/Typed Name	Signature					Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receip Item 19.	ot of hazardous materials covered by	this manifes	t exce	pt as noted in	1	D.:
Printed/Typed Name	Signature	'				Month Day Year

LAND DISPOSAL RESTRICTION & CERTIFICATION FORM 6/98

Please check the facility you are shipping to:

Michigan Disposal Waste
Treatment Plant
(Stabilization and Treatment)
49350 N. I-94 Service Drive
Belleville, MI 48111
EPA ID # MID 000 724 831

□ Wayno Disposal, Inc.
Subtitle C Landfill
(Secure Hazardous Waste Landfill)
49350 N. I-94 Service Drive
Balleville, MI 48111
EPA ID # MID 048 090 633

Michigan Recovery Systems, Inc. (Solvent Recycling, Puel Blending & Wastewater Treatment) 36345 Van Born Road Romulus, MI 48174 EPA ID # MID 060 975 844

Generalor Nama USEPA Region II - Jefferson F	Generalor USEPA ID No	OHRO	00/00081
Generator Address 4243 County Road 74	mingo Junctio		43938
State Manifest No. MI 897/591	Manifest Doc. No	31591	

INSTRUCTIONS

- In Column 1 identify all USEPA bazardous waste codes that apply to this waste shipment.
- In Column 2, choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
- In Column 3, enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the
 waste will be treated using one of the alternative treatment technologies provided by 268.49(c) (soil) or 268.45 (debris).
- In Column 4, circle the letter of the appropriate paragraph from Pages 1-2 of this form.
- In Column 5, for F001-F005, F039, D001-D043, Debris & Contaminated Soil wastes, enter the Reference Number(s) from the EQ Resource Guide-LDR/UHC Constituent Table for any constituents subject to treatment in your waste stream.

	Manifest Line Item #	I. USEPA HAZARDOUS WASTE CODE(S)	Z. NWW OF WW	J. SUBCATEGORY	M	V M	CE	D:	E	5. RÉFERENCE NUMBER(S) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Solf & Debris wastes.
A)	11.A	$D\infty I$	WWW D		G H	C	7	K	-	N/A
(J)	11.8	DOG, DOG, DOIO, DOIS, DOIG, DOGG, DOGG DOGG, DOGG, DOGG	NWW O WW		G H	C 1 9	1	K	F L	201,209,213,21,
	11.C		□ www		A B G H M	C I B	1 D	E	F	
	11.0		O WW		G H M	CIS	J	E	F L	,

I hereby certify that all information submitted on this and all associated documents	is complete and accurate to the best of my
knowledge and information.	Una la p
Generator Signature X MMMS /My/hr fon 1. Coult Title	FM / OSC
Generator Signature X MANUS MANUS COOK TITLE Printed Name C. RECAN FOR Thomas Cook Date	10/26/00
Littled (James Target Targ	

How Mess Im Wyst, Bt Mexican?

For S, circle the appropriate response for the 3 Hallcized options:

S. THIS CONTAMINATED SOIL DOES DOES NOT CONTAIN LISTED HAZARDOUS WASTE AND DOES DOES NOT EXHIBIT A
(CIRCLE ONE)

(

- TEL: 734 329 8140
- THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. The world must be treated to the upplicable performance based treatment trackers at forth in 40CFR Part 166 Subpart C, 168.13, Subpart D, 168.46 or BCRA Section 3004(6) prior to land disposel.
- THIS HAZARDOUS DEBRIS IS SUBIRCT TO THE ALTERNATIVE TREATMENT STANDARDS OF 40 CFR 26845.
- THIS RESTRICTED WASTE HAS REEN TREATED TO THE PERFORMANCE STANDARDS.I cortify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this cortification and base this certification upon my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and unlatified property so as a comply with the performance levals specified in 40 CFR part 268 Subpart D, and all applicable practified for the problem of the parallel of the parallel of a fine and ü
- THIS RESTRICTED WASTE, FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY, HAS BEEN TREATED BY THE SPECIFIED TECHNOLOGY. HAS the that the ware has been transfer in accordance with the requirements of 40 CFR 268.42. I am aware that there are rigolficant possibles for submitting a false cartification, including the possibly of a fine and imprisonment. a
- THIS RESTRICTED WASTE CAN BELAND DISPOSED WITHOUT TREATMENT. I cartify under ponalty of law that I have persanally assaulted and an familiar with the wase through analysis and totaled and the waste of the waste to support this certification that the waste complicated the treatment specified in 40 CFR Part 368 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(4). It believe that the information I submitted is true, accurate and complete. I am aware that there are inguiting a fabe cartification, including the possibility of a fine and imprisonment. u
- debris has been treated in accordance with the requirements of 49 CFR 268.45. I em aware that there are rignificant penalties for making fake cartification, including the pessibility of a fine and imprisonent. IHIS RESTRICTED DEBRIG HAS BEEN TREATED IN ACCORDANCE WITH 40 CFR 16845. I cortify under punnity of law that the je.
- THIS LAB PACK DOPS NOT CONTAIN ANY WASTES IDENTIFIED AT APPENDIX IV IN PART 168. I certify under penalty of law that I personally have examined and am familiar with the waste and that the stamment above is true and that the lab peck will be tent to a combinance with the also matter treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are ignificant penalties for exhaulting a false certification including possibility of fine ar imprisonment. ij
- THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC. I scrifty under penalty of law that the waste has been trusted to accordance with the requirement of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further transment to mest universal transment standards. I am aware that these face and imprisonment. Ė
- THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND BEEN TREATED FOR UNDERLYMO HAZARDOUS CONSTITUIENTS. I certify under panalty of law that the waste has been trasted in securdance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting felse certification, locluding the possibility of
- IHIS RESTRICTED WASTE IS SUBJECT TO AN EXEMPTION FROM LAND DISPOSAL. Please include the date the waste is subject to the problibitions in Column S). This waste is subject to an exemption from a problibition on the type of land disposal mathed utilized for the waste (such as, but not limited to, a case-by-case extension under 40 CFR 168.6, or a nationwide capacity-variance under 40 CFR 269 Gubpart C). i
- IHIS RESTRICTED WASTE WITH THE TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN THE WASTE PURSUANT TO MEAL, IF COMPLIANCE WITH THE TREATMENT STANDARDS IN SURPART D. OF THIS PART IS BASED IN PART OR IN WHOLE, ON THE ANALYTICAL DETECTION LIMIT ALTERNATIVE IN 268-4396. I certify under penalty of law that I have personally examined and am familiar with the treatment pracess used to support this certification and that, based on my isquiry of these individual lemasdiately responsible for obtaining information. I beliave that the nonwastewnior of gaint constituent have been recated by inchiperation in units operated in accordance with 40 CFR part 264, Subpart O, or 40 CFR pert 265, Subpart O, or by combertion in fuel substituents despite having used best good faith efforts to analyze for such constituent. I am aware that there are significant penalties for subsiditing a false cortification, including the possibility of fine and imprisonment. ¥
- THIS DECHARACTERIZED WASTE CONTAINS UNDERLYING HAZARDOUS CONSTITUENTS THAT RECUIRE FURTHER IRRATHER TREAD IN THE TO MEET UNIVERSAL TREADENT STANDARDS. I certify under penalty of law that the waste has been freaded in accordance with the requirements of 40 CFR 268.49 to remove the bazardous characteristics. I am aware that there are algulificant penalties for submitting a false certification, including the passibility of fine and imprisonment.
- THIS WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS. OF 40 CFR 248.40 TO REMOVE THE HAZABROUS CHARACTERISTIC AND THE UNDERLYING HAZARDOUS CONSTITUENTS. AS DEFINED IN 268.3M HAVE BEEN TREATED ON-SITE TO MEET THE 268.48 UNIVERSAL, TREATMENT STANDARDS., I certify under passity of law that the above it time. I same aware that there are alguideant permitties for rubuilting a false extification, including the possibility of fine and imprisonment. Σ

Page 1 of 8

	CAS	NWW	WW	2
Hazardous Constituent	NO.	mg/Kg	mg/Kg	Concentration
			0.055	
Acenaphthylene				
Acetone				
Acetonitrile				
Acetophenone				
Aldrin				
4-Aminobiphenyl				
Aniline				
Anthracene		3.4	0.059	
Aramile			0.36	
alpha-BHC	319-84-6	0.066		
beta-BHC	319-85-7	0.088	0.00014	
detta-BHC	319-86-8	0.066	0.023	
gamma-BHC (Lindane)	58-89-9	0.066	0.0017	
Benz(a)anthracene	56-55-3	3,4	0.059	
Benzal chioride	98-87-3	6	0.055	
Benzene	71-43-2	10	0.14	<3/12
Benzo(a)pyrene	50-32-8	3.4	0.061	
Benzo(b)fluoranthene	205-99-2	6.8	0.11	
Benzo(k)fluoranthene	207-08-9	6.8	0.11	4,
Benzo(g.h.i)perviene	191-24-2	1.8	0.0055	
		7.2		
		6		
		7.2		
			~~~	
				-5110
	-			
	-			
Chloroform	67-66-3		0.046	
THE STATE OF THE PARTY OF THE P	Acetophenone 2-Acetylaminofluorena Acrolein Acrylamide Acrylamide Actylamide Actylamide Actylamide Actylamide Actylamide Aldrin 4-Aminobiphenyl Aniline Anthracene Aramite alpha-BHC beta-BHC gamma-BHC (Lindane) Benzal chloride Benzal chloride Benzane Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h.i)perylene bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy) phthalate Bromodichloromethane Bromomethane (Methyl bromide) 4-Bromophenyl phenyl ether n-Butyl alcohol Butyl banzyl phthalate 2-sec-Butyl-4,6-dinitrophenol (Dinoseb) Carbon disulfide Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorobenzene Chlorobenziate 2-Chloro-1, 3-butadiene (Chloroprene) Chlorobenziate 2-Chloroethane	Acenaphthylene 67-64-1 Acetone 67-64-1 Acetonitrile 75-05-8 Acetophenone 96-86-2 2-Acetylaminofluorene 53-98-3 Acrollenin 107-02-8 Acrylonitrile 107-13-1 Acrylamide 79-06-1 Aldrin 308-00-2 4-Aminobiphenyl 92-67-1 Aniline 62-53-3 Anthracene 120-12-7 Aramile 140-57-8 alpha-BHC 319-84-6 beta-BHC 319-88-7 detta-BHC 319-88-8 Benzal chloride 98-87-3 Benzal chloride 98-87-3 Benzal chloride 205-99-2 Benzo(a)pyrene 50-32-8 Benzo(a)pyrene 50-32-8 Benzo(b)fluoranthene 205-99-2 Benzo(b)fluoranthene 111-91-1 bis(2-Chloroethoxy)methane 111-94-4 bis(2-Chloroethoxy)methane 117-81-7 Bromomethane (Methyl bromide) 74-83-9 Brutyl alcohol 71-36-3 Butyl benzyl phthalate 117-86-7 Bromomethane (Methyl bromide) 74-83-9 Carbon disulfide 75-15-0 Carbon disulfide 56-23-5 Chlorobenziane 106-90-7 Chlorobenziane 110-91-7 Chlorobenziane 106-90-7 Chlorobenziane 106-90-7 Chlorobenziane 106-90-7 Chlorobenziane 1126-99-8 Chlorodibromomethane 124-48-1 Chloroethane 75-00-3	Acenaphthylene 208-96-8 3.4 Acetone 67-64-1 180 Acetonitrile 75-05-8 36 Acetophenone 96-86-2 9.7 2-Acetylaminofluorene 53-98-3 140 Acrolein 107-02-8 NA Acrylonitrile 107-13-1 84 Acrylamide 79-06-1 23 Aldrin 308-00-2 0.066 Acrylamide 79-06-1 23 Aldrin 308-00-2 0.066 Acrylamide 92-67-1 NA Aniline 62-53-3 14 Aniline 62-53-3 14 Aniline 120-12-7 3.4 Aniline 140-57-8 NA Aramile 140-57-8 NA Alapha-BHC 319-84-6 0.066 Beta-BHC 319-84-6 0.066 Beta-BHC 319-88-8 0.066 Benz(a)anthracene 56-55-3 3.4 Benza(a)anthracene 56-55-3 3.4 Benza(a)pyrene 56-55-3 3.4 Benza(a)pyrene 50-32-8 3.4 Benza(a)pyrene 207-08-9 6.8 Benza(b)fluoranthene 207-08-9 6.8 Benza(g), h.i)perylene 111-44-4 6 bis(2-Chloroethoxy)methane 111-91-1 7.2 bis(2-Chloroethoxy)methane 111-91-1 7.2 bis(2-Chloroethoxy)methane 75-27-4 15 Bromomethane (Mathyl bromide) 74-83-9 15 4-Bromomethane (Mathyl bromide) 74-83-9 15 4-Bromomethane (Mathyl bromide) 74-83-9 15 4-Bromomethane (Mathyl bromide) 75-25-3 6 Chlorobenziate 56-23-5 6 Chlorobenziate 106-47-8 16 Chlorobenziate 510-15-6 NA Chlorobenziate 510-15-6 NA Chlorobenziate 510-15-6 NA Chlorobenziate 75-00-3 6	Acetaphthylene

OCT. -26' DO (THU) 09:13 EQ MAIN OFFICE

TEL: 734 329 8140 P. UUS

Page 2 of 6

	LDR (Land Disposal Restriction) Constituents							
Ref. #	Çik.	CAS	NWW	ww	-			
	Hazardous Constituent	NO.	mg/Kg	mg/Kg	Concentration			
46	p-Chlaro-m-cresol	59-50-7	14	0.018				
47	2-Chloroethyl vinyl ether	110-75-8	NA	0.062				
48	Chloromethane (Methyl chloride)	74-87-3	30	0.19				
49	2-Chloronaphthalene	91-58-7	5.6	0.055				
50	2-Chlorophenol	95-57-8	5.7	0.044				
51	3-Chloropropylene (Altyl Chlorids)	107-05-1	30	0.036				
52	Chrysene	218-01-9	3.4	0.059				
53	o-Cresol (2-Methyl phonol)	95-48-7	5.6	D.11				
54	m-Cresol (3-Methyl phenol)	108-39-4	5.6	0.77				
55	p-Cresci (4-Methyl phenol)	106-44-5	5.6	0.77				
58	Cyclohexanone	108-94-1	0.75	0.36				
57	o,p'-DDD	53-18-0	0.087	0.023				
58	p.p'-DDD	72-54-8	0.087	0.023				
59	o,p'-DDE	3424-82-6	0.087	0.031				
60	p,p'-DDE	72-55-B	0.087	0.031				
61	o,p'-DDT	789-02-6	0.087	0.0039				
62	p.p'-DDT	50-29-3	0.087	0.0039				
63	Dibenz(a,h)anthracene	53-70-3	8.2	0.055				
64	Dibenz(a,e)pyrene	192-65-4	NA	0.061				
65	1,2-Dibromo-3-chloropropane	96-12-8	15	0.11				
66	1,2-Dibromosthane (Ethylene dibromide)	106-93-4	15	0.028				
67	Dibromomethane	74-95-3	15	0.11				
68	m-Dichlorobenzene (1,3-Dichlorobenzene)	541-73-1	6	0.036				
69	o-Dichlorobenzene (1,2-Dichlorobenzene)	95-50-1	6	0.088	•			
70	p-Dichlarobenzene (1,4-Dichlarobenzene)	106-46-7	6	0.090	٠.			
71	Dichlorodiffuoromethane	75-71-8	7.2	0.23				
72	1,1-Dichloroethane	75-34-3	6	0.059				
73	1,2-Dichloroethane	107-05-2	6	0.21				
74	1,1-Dichloroethylene	75-35-4	6	0.025				
75	trans-1,2-Dichloroethylene	156-60-5	30	0.054				
76	2,4-Dichlorophenol	120-83-2	14	0.044				
77	2,6-Dichlorophenol	87-65-0	14	0.044				
78	2,4-Dichlorophenoxyacetic acid (2.4-D)	94-75-7	10	0.72				
79	1,2-Dichloropropane	78-87-5	18	0.85				
80	cis-1,3-Dichloropropylene	10061-01-5	18	0.036	<del></del>			
81	trans-1,3-Dichloropropylene	10061-01-5	18	0.036				
82	Dieldrin	60-57-1						
83	Diethyl phthelate			0.017				
84	p-Dimethylaminoazobenzene	84-66-2		0.2				
85	2,4-Dimethyl phenol	60-11-7		0.13				
86		105-67-9		0.036				
87	Dimethyl phthalate	131-11-3		0.047				
88	Di-n-butyl phthalate	84-74-2		0.057				
89	1.4-Dinitrobenzene	100-25-4	2.3	0.32				
80	4.6-Dinitro-o-crasol	534-52-1	160	0.28				
91	2.4-Dinitrophenol	51-28-5		0.12				
101	2,4-Dinitrotoluene	121-14-2	140	0.32	46.6			

Page 3 of 6

	LDR (Land Disposal Res	CAS	NWW	ww	
Rel. #	E. Standard Constituent	NO.	mg/Kg	mg/Kg	Concentration
		606-20-2	28	0.55	
92	2,6-Dinitratoluene			0.017	
93	Di-n-octyl phthalate	117-84-0	28	0.40	
94	Di-n-propylnitrosamine	521-64-7	14		
95	1,4-Dioxane	123-91-1	170	12	
96	Diphenylamine	122-39-4	13 13	0.92	
97	Diphenylnitrosamine	86-30-6			
98	1,2-Diphenylhydrazine	122-66-7	NA	0.087	
96	Disulfaton	298-04-3	6.2	0.017	
100	Endosulfan I	959-98-9	0.066	0.023	
101	Endosulfan II	33213-65-9	0.13	0.029	
102	Endosulfan sulfate	1031-07-8	0.13	0.029	
103	Endrin	72-20-8	0.13	0.0028	
104	Endrin aldehyde	7421-93-4	0.13	0.025	
105	2-Ethoxyethanol (F005)+	1	INCIN	INCIN	
106	Ethyl acetate	141-78-6	33	0.34	
107	Ethyl benzene	100-41-4	10	0.057	
108	Ethyl ether	60-29-7	160	0.12	
109	Ethyl methacrylate	97-63-2	160	0.14	
110	Ethylene oxide	75-21-8	NA	0.12	
111	Famphur	52-85-7	15	0.017	
112	Fluoranthene	206-44-0	3.4	0.068	
113	Fluorene	86-73-7	3.4	0.059	
114	Heptachlor	76-44-8	0.066	0.0012	
115	Heptachlor epoxide	1024-57-3	0.068	0.016	
116	Hexachlorobenzene	118-74-1	10	0.055	
117	Hexachlorobutadiene	87-68-3	5.8	0.055	46.6
118	Hexachlorocyclopentadiens	77-47-4	2.4	0.057	
118	HxCDDs (All Hexachlorodibenzo-p-diceins)	NA	0.001	0.000063	
120	HxCDFs (All Hexachlorodibenzofurans)	NA	0.001	0.000063	
121	Hexachioroethane	67-72-1	30	0.055	
122	Hexachloropropylene	1888-71-7	30	0.035	
123	Indena (1,2,3-c,d) pyrene	193-39-5	3.4	0.0055	
124	lodomethane	74-88-4	65	0.19	
125	Isobutyl alcohol (Isobutanol)	78-83-1	170	5.6	
126	Isodrin	465-73-6	0.066	0.021	
127	Isosafrole	120-58-1	2.6	0.081	
128	Kepone	143-50-0	0.13	0.0011	
129	Methacrytonitrite	126-98-7	84	0.24	
130	Methanol	67-56-1	0.75	5.6	
131	Methapyrilene	91-80-5		0.081	
132	Methaxychlor	72-43-5		0.25	
133	3-Methylchloroanthrene	56-49-5		0.0055	
134	4.4-Methylene bis (2-chloroaniline)	101-14-4		0.5	
135	Methylene chloride	75-09-2		0.089	
136	Methyl athyl katone	78-93-3		0.28	
137	Methyl isobutyl ketone	108-10-1	33	0.14	

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	LDR (Land Disposal Res				
Ref. #	4	CAS	NWW	ww	
Nel. #	Hazardous Constituent	NO	mg/Kg	mg/Kg	Concentration
138	Methyl methacrylate	80-62-6	160	0.14	
139	Methyl methansulfonate	66-27-3	NA	0.018	
140	Methyl parathion	298-00-0	4.5	0.014	
141	Naphthalene	91-20-3	5.6	0.059	
142	2-Naphthylamine	91-59-8	NA	0.52	
143	o-Nitroaniline	88-74-4	14	0.27	
144	p-Nitroaniline	100-01-6	28	0.028	
145	Nitrobenzene	98-95-3	14	0.068	<6.6
146	5-Nitro-o-toluidine	99-55-8	28	0.32	
147	o-Nitrophenol	88-75-5	13	0.028	
148	p-Nitrophenol	100-02-7	29	0.12	
149	2-Nitropropane (FQ05)+		INCIN	INCIN	
150	N-Nitrosodiethylamine	55-18-5	28	0.4	
151	N-Nitrosodimethylamine	62-75-9	2.3	0.4	
152	N-Nitroso-di-n-butylamine	924-16-3	17	0.4	
153	N-Nitrosomethylethylamine	10595-95-6	2.3	0.4	
154	N-Nitrosomorpholine	59-89-2	2.3	0.4	
155	N-Nitrosopiperidine	100-75-4	35	0.013	
156	N-Nitrosopyrrolidine	930-55-2	35	0.013	
157	Parathion	56-38-2	4.6	0.014	
158	Total PCBs	1336-36-3	10	0.1	
159	Pentachlorobenzene	608-93-5	10	0.055	
160	PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.001	0.000063	
161	PeCDFs (All Pentachlorodibenzofurans)	NA.	0.001	0.000035	
162	Pentachlorgethane	76-01-7	6	0.055	
163	Pentachtoronitrobenzena	82-88-8	4.8	0.055	
164	Pentachiorophenol	87-86-5	7.4	0.089	
165	Phenacetin	62-44-2	16	0.081	
166	Phenanthrene	85-01-8	5.6	0.059	
167	Phenol	108-95-2	6.2	0.039	
168	Phorate	298-02-2	4.6	0.021	
169	Phthalic acid	100-21-0	28	0.055	
170	Phthalic anhydride	85-44-9	28	0.055	
171	Pronamide	23950-58-5	1.5	0.093	
172	Propanenitrile (Ethyl cyanide)	107-12-0	360		
173	Pyrene (Ethy) Cyanida)	129-00-0		0.24	
174	Pyridine	110-86-1		0.067	
175	Safrole			0.014	
176		94-59-7		0.081	
177	Silvex (2,4,5-TP)	93-72-1		0.72	
178	1,2,4,5-Tetrachlorobenzene	95-94-3		0.055	
179	TCDDs (All Tetachlorodibenzo-p-dioxins)	NA		0.000000	
180	TCDFs (All Tetrachlorodibenzofurens)	NA STA STA		0.000063	
	1,1,1,2-Tetrachloroethane	630-20-6		0.057	
181 182	1,1,2,2-Tetrachloroethane	79-34-5		0.057	
183	Tetrachloroethylene	127-18-4		0.056	
107	2,3,4,6-Tetrachiorphenol	58-90-2	7.4	0.03	

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	LDR (Laite Disposal Res			14/14/	
Ref #		CAS	NWW	ww	
KG1 #	Hazardous Constituent	NO.	mg/Kg	mg:Kg	Concentration
184	Toluene	108-88-3	10	0.080	
185	Toxaphene	8001-35-2	2.6	0.0095	
186	Tribromomethana (Bromoform)	75-25-2	15	0.53	
187	1.2.4-Trichlorobenzens	120-82-1	19	0,055	
188	1,1,1-Trichloroethane	71-55-8	6	0.054	
189	1,1,2-Trichloroethane	79-00-5	6	0.054	
190	Trichloroethylene	78-01-6	6	0.054	<3.12
191	Trichloromonofluoromethane	75-69-4	30	0.02	
192	2,4,5-Trichlorophenol	95-95-4	7.4	0.18	
193	2,4,6-Trichlorophenol	88-06-2	7.4	0.035	
194	2,4,5-Trichlorophenoxyacetic acid/2,4,5-T	93-76-5	7.9	0.72	
195	1,2,3-Trichloropropane	96-18-4	30	0.85	
196	1,1,2-Trichloro- 2,2,2-trifluoroethane	76-13-1	30	0.057	
197	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.1	0.011	
198	Vinyl chloride	75-01-4	6	0.27	<.3.12
199	Xylenes	1330-20-7	30	0.32	
200	Antimony	7440-36-0	1.15*,‡	1.9	
201	Arsenic	7440-38-2	5.0	1.4	<9 00m
202	Barium	7440-39-3	21",‡	1.2	
203	Beryllium	7440-41-7	1.22*.‡	0.82	
204	Cadmium	7440-43-9	0.11".‡	0.69	
205	Chromium (Total)	7440-47-3	0.60*,‡	2.77	
206	Cyanides (Total)	57-12-5	590	1.2	
207	Cyanides (Amenable)	57-12-5	30	0.86	
208	Fluoride	16984 48 8	NA	35	
209	Lead	7439-92-1	0.75*,‡	0.69	1380 ppm
210	Mercury (retort residues)	7439-97-6	0.20	NA	7.7
211	Mercury (all others)	7439-97-6	0.025	0.15	
212	Nickel .	7440-02-0	11",‡	3.98	
213	Selenium	7782-49-2	5.7	0.82	
214	Silver	7440-22-4	0.14",‡	0.43	- B FF
215	Sulfide	18496-25-8	NA	14	
216	Thallium	7440-28-0	0.20	1.4	-
217	Vanadium	7440-82-2	1.6",",‡	4.3	
218	Zinc	7440-66-6	4.3*.	2.61	
219	A2213	30558-43-1	1.4	0.042	
220	Aldicarb sulfone	1646-88-4		0.056	
221	Barban	101-27-9		0.058	
222	Bendiocarb	22781-23-3		0.056	
223	Bendiocarb phenol	22961-82-6		0.056	
224	Benomyl	17804-35-2		0.056	
225	Butylate	2008-41-5		0.042	
226	Carbaryl	63-25-2		0.006	
227	Carbenzadim	10605-21-7	1.4	0.056	
228	Carbofuran	1563-66-2		0.006	
229	Carbofuran phenol	1563-38-8		0.056	
		1000 00-0	1.4	0.030	

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		CAS	WWW	WW	
Re1. #	Hazardous Constituent	NO.	mg/Kg	mg/Kg	Concentration
230	Carbosulfan	55285-14-8	1.4	0.028	
231	m-Currenyl methylcarbamate	64-00-6	1.4	0.056	
232	Cycloate**	1134-23-2	1.4	0.042	
233	Diethylene glycol, dicarbamate	5952-26-1	1.4	0.056	
234	Dimetilan	644-64-4	1.4	0.056	
235	Dithiocarbamates (total)	137-30-4	28	0.028	
236	EPTC	759-94-4	1.4	0.042	
237	Formetanate hydrochloride	23422-53-9	1.4	0.058	
238	Formparanate	17702-57-7	1.4	0.056	
239	3-lodo-2-propynyl n-butylcarbamate**	55406-53-6	1.4	0.056	
240	Isolan	119-38-0	1.4	0.056	
241	Methiocarb	2032-65-7	1.4	0.056	
242	Methomyl	16752-77-5	0.14	0.028	
243	Metolcarb	1129-41-5	1.4	0.056	
244	Mexacarbate	315-18-4	1.4	0.056	
245	Molinate	2212-87-1	1.4	0.042	
246	Oxamvi	23135-22-0	0.28	0.056	
247	Pebulate	1114-71-2	1.4	0.042	
248	o-Phenylenediamine	95-54-5	5.6	0.056	
249	Physostigmine	57-47-6	1.4	0.056	
250	Physoatigmine salicylate	57-64-7	1.4	0.056	
251	Promecarb	2631-37-0	1.4	0.056	
252	Propham	122-42-9	1.4	0.056	
253	Propoxur	114-26-1	1.4	0.056	
254	Prosulfocarb	52888-80-9	1.4	0.042	
255	Thiodicarb	59669-26-0	1.4	0.019	
256	Thiophanate-methyl	23564-05-8	1.4	0.056	
257	Tirpate	28419-73-8	0.28	0.066	
258	Triallate	2303-17-5	1.4	0.042	
259	Triethylamine	101-44-8	1.5	0.081	
260	Vernotate	1929-77-7	1.4	0.042	
<del>-</del>	"Concentration in mg/I TCLP"				
	Not Underlying Hazardous Constituents. (See 80 FR, Jan. 3, 1985)				
·	The preamble to the final rule (61 FR 15584) class standard for thiocarbamete constituents has been \$268.48 universal treatment standard.	een revised to the she she she she she she she she she s	0.042mg/l. Ho ws 0.003 mg	owever, the	
<b>‡</b>	These UTS levels are effective on August 24, 10 the finalized Phase IV-Part 2 land d				



#### WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO	NOI	WKILE	IN	IHIS	SPACE

ATT.

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REJ. PR.

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

ase print or type.			F	orm Approved. OM	B No. 20	50-0039
ON CHILDREN		lanifest iment No.	2. Pa	is not		the shaded areas red by Federal
3. Generator's Name and Mailing Address		21	A. St	ate Manifest Doo	ument	Number
US EPA Region V-Jefferson Processing	r	01	N	11 8221	594	Man Selection Labor
77 W. Jackson Blvd., Chicago, IL 606				ate Generator's		
4. Generator's Phone ( 812 ) 886-7182			4243	County Rd. 7	4 Min	go Junction, Ol
Transporter 1 Company Name	6. US EPA ID Number	Y. 4	Personal Street			-0124009-OH
	O H D 0 0 9 8 6 5		CO. 2402 YESTER,	ansporter's Phor	THE RESERVE OF THE PARTY OF THE	
7. Transporter 2 Company Name	8. US EPA ID Number			ate Transporter's	OPERAL DESIGNATION OF THE PERSON OF T	
			CHARLES AND AND ADDRESS.	ansporter's Phor	THE RESERVE TO SHARE	
Designated Facility Name and Site Address	10. US EPA ID Number			ate Facility's ID		
Perma Fix of Michigan, Inc.						
18550 Allen Road			H. Fa	cility's Phone		
The state of the s	MID096963	194			00-28	2-9251
		12. Conta	iners	13.	14.	I. Waste
11. US DOT Description (including Proper Shipping Name, Ha	zara Ciass, and			Total	Unit	No.
a. X RQ, Hazadous Waste Solid, N.O.	S. (Mercury)	No.	Туре	Quantity	Wt/Vol	
9, NA3077, III	,	- 11	nn		0	D009
d, andorry 111		004	וייוע	01200	P	
b.						
u.				1 .000	7	
c.						
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ar 8				ş1 = 2		
4						
d.		44		1969		
_ ^		8		100		Add the books
15. Special Handling Instructions and Additional Information Mail CoD's to Capitol Environ.	. Wilm. DE					d d
Emergency Contact: Capitol Environ.		552-800	19			
				at F		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of packed, marked, and labeled, and are in all respects in proper condition of the p	ion for transport by highway accord in in place to reduce the volume cticable method of treatment, sto t; OR; if I am a small quantity g	ding to appli and toxicity brage, or di- enerator, I	cable in of was sposal	nternational and nat este generated to the currently available	ional governe degree to me	vernment regulations. se I have determined which minimizes the
17. Transporter 1 Acknowledgement of Receipt of Materials	^	-	/	W 101 S		Date
Printed/Typed Name	Signature	111		/		Month Day Year
1 Aul Lasky	1 hulo	PL	_		41	102766
18. Transporter 2 Acknowledgement of Receipt of Materials	The Contract of the Contract o	- The same of the		5	-	Date
Printed/Typed Name	Signature	Y			*	Month Day Year
		-				
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of haza	rdous materials covered by th	is manifes	exce	ot as noted in		
Item 19.						Date
Printed/Typed Name	Signature	1 5				Month Day Year
* * * * * * * * * * * * * * * * * * * *	W 0				* 4	

Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure all copies are legible.

Federal and state regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in 40 CFR and Part 111 of Act 451 of 1994, as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994, as amended (Part

Federal and State regulations provide for additional requirements, not included in these instructions, regarding the use and management of this form (40 CFR, 49 CFR, Part 111, Part 121).

Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wmd or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDFO.

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

- Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).
- Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown.
- Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J.
- Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load.
- NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.
- Item 5. Enter the company name of the first transporter who will transport the waste.
- Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 7. If using a second transporter, enter the company name.
- Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional waste streams.

Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest

Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DOT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream.

Item. 12. Enter the number of containers for each waste and the appropriate abbreviations listed

below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs

DW = Wooden drums, barrels, kegs DF = Fiberboard or plastic drums, barrels, kegs

TP = Tanks, portable
TF = Cargo tanks (tank trucks)

= Tank cars

CY = Cylinders

CM = Metal boxes, cartons, cases

(including roll-offs)

CW = Wooden boxes, cartons, cases

CF = Fiber or plastic boxes, cartons, cases BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions

Item 14. Enter the appropriate abbreviation for the unit of measure listed below.

G = Gallons (liquids only)

P = Pounds

= Tons (2000 lbs.) Y = Cubic yards

L = Liters (liquids only)

K = Kilograms M = Metric tons (1000 kg)

N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility-must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F). U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

Mixed Solvents	007L
Pharmaceutical	014L
Crankcase Oil	017L
Coolants and Water Soluble Oils	019L
Other Oil (Describe in Item 11 or Item J)	021L
Brine	022L
PCB	026L
Other wastes (Describe in Item 11 or Item J)	029L
Antifreeze	030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery		В
Conditionally Exempt Small Quantity Gene	erator	С
Emergency Response Cleanup		E
Household Generated		H
Recycled Precious Metals		P
Recycled, Reclaimed, Used or Reused		R
Universal Waste		* TT

#### INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. ERA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

#### MANIFEST DISTRIBUTION

GENERATOR: Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

**DESIGNATED FACILITY:** Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

#### ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency

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#### WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

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Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Plea	se print or type.			Fo	orm Approved. ON	IB No. 205	50-0039
<b>A</b>	UNIFORM HAZARDOUS WASTE MANIFEST  1. General UNIFORM HAZARDOUS	tor's US EPA ID No.	Manifest cument No.	2. Pa	in not		the shaded areas red by Federal
	3. Generator's Name and Mailing Address US EPA Region V-Jefferson Process 77 V. Jackson Blvd., Chicago, IL ( 4. Generator's Phone ( 812 ) 886-718	50504	2.5	B. St	ate Generator's	59	
	4. Generator's Phone (			And the second second		COLUMN TO STATE OF THE PARTY OF	
1	5. Transporter 1 Company Name	6. US EPA ID Numbe		Section Services			-0124009-OH
	Dart Trucking Company, Inc,	O H D 9 9 9 8 6 5			ansporter's Phor		233-3841
	7. Transporter 2 Company Name	<ol><li>US EPA ID Number</li></ol>	er	E. St	ate Transporter's	s ID	
				F. Tr	ansporter's Phor	ne	
	Designated Facility Name and Site Address	<ol> <li>US EPA ID Number</li> </ol>	er	G. St	ate Facility's ID		
	Perma Fix of Michigan, Inc.						
	18550 Allen Road			H. Fa	cility's Phone		
	Brownstown, NI 48192	MID 0 9 6 9 6 3	194		84	<b>20-28</b>	2-9251
	11. US DOT Description (including Proper Shipping Name ID NUMBER).		12. Conta	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	a. X RQ, Hazadous Vaste Solid, N	.O.S., (Mercury)	INO.	туре	Quantity	WVL/VOI	
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	J. Additional Descriptions for Materials Listed Above			D-1185		MINISTER AND	K. Handling Codes
		ERG:171					a landing codes
	A. App* USE08101	200:171					
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							С
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	15. Special Handling Instructions and Additional Informat						* 1
	Mail CoD's to Capitol Envir Emergency Contact: Capitol		652-899	9			=
	16. GENERATOR'S CERTIFICATION: I hereby declare that the conte	ents of this consignment are fully and a	ccurately des	cribed a	bove by proper shi	pping nar	me and are classified,
	packed, marked, and labeled, and are in all respects in proper c If I am a large quantity generator, I certify that I have a pr						
	to be economically practicable and that I have selected the	practicable method of treatment, s	torage, or di	sposal	currently available	to me v	which minimizes the
1	present and future threat to human health and the environ generation and select the best waste management method the			have m	ade a good faith	effort to	minimize my waste
		1 / 1	/ //				Date
	Printed/Typed Name	Signature	1/	1			Month Day Year
V	Fringed y yed Name Ton Thrusac (c	or cal lower	11/14/	ME	gentler	- 1	1012201
T	17. Transporter 1 Acknowledgement of Receipt of Materia	als	1			- 7	Date
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	19. Discrepancy Indication Space						
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L	20. Facility Owner or Operator: Certification of receipt of lem 19.	hazardous materials covered by t	his manifes	t excep	ot as noted in		
FACILITY	1						Date
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Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure all copies are legible.

Federal and state regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in 40 CFR and Part 111 of Act 451 of 1994, as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994. as amended (Part

Federal and State regulations provide for additional requirements, not included in these instructions, regarding the use and management of this form (40 CFR, 49 CFR, Part 111, Part 121).

Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wmd or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDEQ.

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

- Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).
- Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown.
- Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J.
- Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load.
- NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.
- Item 5. Enter the company name of the first transporter who will transport the waste.
- Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 7. If using a second transporter, enter the company name.
- Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional waste streams

Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest.

Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DOT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of container. Each container type requires separate entry

DM = Metal drums, barrels, kegs

DW = Wooden drums, barrels, kegs DF = Fiberboard or plastic drums, barrels, kegs

Dump truck

= Tanks, portable = Cargo tanks (tank trucks)

= Tank cars

CY = Cylinders

CM = Metal boxes, cartons, cases

(including roll-offs)

CW = Wooden boxes, cartons, cases CF = Fiber or plastic boxes, cartons, cases

BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions

Item 14. Enter the appropriate abbreviation for the unit of measure listed below.

G = Gallons (liquids only)

P = Pounds

T = Tons (2000 lbs.)Y = Cubic yards

L = Liters (liquids only) K = Kilograms M = Metric tons (1000 kg)

N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

Mixed Solvents	007L
Pharmaceutical	014L
Crankcase Oil	017L
Coolants and Water Soluble Oils	019L
Other Oil (Describe in Item 11 or Item J)	021L
Brine	022L
PCB	026L
Other wastes (Describe in Item 11 or Item J)	029L
Antifreeze	030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	В
Conditionally Exempt Small Quantity Generator	C
Emergency Response Cleanup	E
Household Generated	H
Recycled Precious Metals	P
Recycled, Reclaimed, Used or Reused	R
Universal Waste	U

#### INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

#### MANIFEST DISTRIBUTION

GENERATOR: Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

DESIGNATED FACILITY: Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

#### ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

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### WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

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Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

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Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure all copies are legible

Federal and state regulations require generators and transporters of hazardous waste and owners receital and state regulations require generators and transporters of nazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in A0 CFR and Part 111 of Act 451 of 1994, as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994, as amended (Part

Federal and State regulations provide for additional requirements, not included in these instructions, regarding the use and management of this form (40 CFR, 49 CFR, Part 111, Part 121).

Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wind or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDEQ.

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

- Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).
- Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown.
- Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J.
- Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load.

NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number

- Item 5. Enter the company name of the first transporter who will transport the waste
- Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 7. If using a second transporter, enter the company name.
- Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional

Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest.

Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DOT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream. ppropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs DW = Wooden drums, barrels, kegs

= Fiberboard or plastic drums, barrels, kegs

= Dump truck

= Cargo tariks (tank trucks)

TC = Tank cars

= Tanks, portable

CY = Cylinders CM = Metal boxes, cartons, cases

(including roll-offs)
CW = Wooden boxes, cartons, cases

Fiber or plastic boxes, cartons, cases

BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions.

Item 14. Enter the appropriate abbreviation for the unit of measure listed below

G = Gallons (liquids only)

P = Pounds

M = Metric tons (1000 kg) T = Tons (2000 lbs.)

Y = Cubic yards

L = Liters (liquids only) K = Kilograms

N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

Mixed Solvents Pharmaceutical	007L 014L
Crankcase Oil	017L
Coolants and Water Soluble Oils	019L
Other Oil (Describe in Item 11 or Item J)	021L
Brine	022L
PCB	026L
Other wastes (Describe in Item 11 or Item J)	029L
Antifreeze	030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery		В
Conditionally Exempt Small Quantity Generator		C
Emergency Response Cleanup		Ε
Household Generated		H
Recycled Precious Metals		P
Recycled, Reclaimed, Used or Reused		R
Universal Waste	*	U

#### INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders, Record the foreign waste manifest document number in Item J

#### MANIFEST DISTRIBUTION

**GENERATOR:** Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

**TRANSPORTER:** Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

**DESIGNATED FACILITY:** Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment

#### ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15. Send comments regarding these burden statements or any other aspect of this collection, including suggestions for reducing the burden, including through use of automated collection techniques to the Director, OPPE Regulatory Information Division, U.S., Environmental Protection Agency (2.37), 401 M St., S.W., Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget. Attention: Desk Officer for EPA, 725 17th Street, N.W., Washington, D.C., 20503, Include the OMB control number in any correspondence.



#### WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

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Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

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Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).

Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown.

Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J.

Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or, a partial or total rejected load.

NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.

Item 5. Enter the company name of the first transporter who will transport the waste.

Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 7. If using a second transporter, enter the company name.

Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional

Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest

Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DOT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of containers.

below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs DW = Wooden drums, barrels, kegs

Fiberboard or plastic drums, barrels, kegs = Dump truck

Tanks, postable = Cargo tanks (tank trucks) = Tank cars

CY = Cylinders
CM = Metal boxes, cartons, cases
(including roll-offs)

CW = Wooden boxes, cartons, cases CF = Fiber or plastic boxes, cartons, cases

BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions.

Item 14. Enter the appropriate abbreviation for the unit of measure listed below.

G = Gallons (liquids only)

= Pounds

T = Tons (2000 lbs.)Y = Cubic yards

L = Liters (liquids only) K = Kilograms

M = Metric tons (1000 kg)

N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instruc-tions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D: If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

Mixed Solvents Pharmaceutical		007L 014L
Crankcase Oil		017L
Coolants and Water Soluble	Oils	019L
Other Oil (Describe in Item	11 or Item J)	021L
Brine		022L
PCB		026L
Other wastes (Describe in I	tem 11 or Item J)	029L
Antifreeze		030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	В
Conditionally Exempt Small Quantity Generator	C
Emergency Response Cleanup	E
Household Generated	H
Recycled Precious Metals	P
Recycled, Reclaimed, Used or Reused	R
Universal Waste	U

#### INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

#### MANIFEST DISTRIBUTION

GENERATOR: Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used; mail to the MDEQ a photocopy of the mahifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility; and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next-transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

**DESIGNATED FACILITY:** Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

#### ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB numbers for EPA's regulations are listed in 40 CFR Part 9 and 48°CFR Chapter 15. Send comments regarding these burden statements or any other aspect of this collection, including suggestions for reducing the burden, including through use of automated collection techniques to the Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2.37), 401 M St., S.W., Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Attention: Desk Officer for EPA, 725 17th Street, N.W., Washington, D.C., 20503. Include the OMB control number in any correspondence.

#### **READ INSTRUCTIONS ON BACK OF MANIFEST**



Data



ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7860 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF **ENVIRONMENTAL QUALITY** 

## DO NOT WRITE IN THIS SPACE

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

	ENVIRONMENTAL QUAL	ITY ATT.	DIS. 🗆	REJ.	PR	R	5 524.111.	51 01 524.12110 MOL.	
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	Emergency Contact:	Capitol Enviro	nmental (3	802) 652-8	3999				
	NERATOR'S CERTIFICATION: I hereby declar								
lf I	cked, marked, and labeled, and are in all resp am a large quantity generator, I certify the	nat I have a program in pl	ace to reduce the	volume and tox	cicity of wa	aste generated to t	he degre	ee I have determine	d
pre	be economically practicable and that I ha esent and future threat to human health a	nd the environment; OR;	if I am a small g	uantity generator	r disposal r, I have n	currently available nade a good faith	to me effort to	which minimizes the minimize my wast	te
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20. Fa	cility Owner or Operator: Certification	of receipt of hazardous	materials covere	ed by this man	ifest exce	pt as noted in			
	m 19.					F		Data	_

-Chemical Conservation Corp. UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Chem-Met Services, Inc.

Chemical Conservation of Georgia, Inc.

Generator Name: <u>PA</u>

Manifest No: M1822

Page: 1 of 2

List all constituents on both pages of this document that are present in D001(except for TOC≥ 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterick. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the approriate constituent(s).

MLI		ww	NWW	MLI		ww	NWW
	A2213	0.042	1.4		m-Cumenyl methylcarbamate	0.056	1.4
HHH	Acenaphthene	0.059	3.4		Cyclohexanone	0.36	0.75*
	Acenaphthylene	0.059	3.4		o,p'- DDD	0.023	0.087
HHH	Acetone	0.28	160		p.p'- DDD	0.023	0.087
HHH	Acetonitrile	5.6	38		o.p'- DDE	0.031	0.087
HHH	Acetophenone	0.01	9.7		p.p'- DDE	0.031	0.087
HH	2-Acetylaminofluorene	0.059	140		o.p'- DDT	0.0039	0.087
HH	Acrolein	0.29	N/A		p,p'- DDT	0.0039	0.087
HHH	Acrylamide	19	23		Dibenz(a,h)anthracene	0.055	8.2
	Acrylonitrile	0.24	84		Dibenz(a,e)pyrene	0.061	N/A
	Aldicarb sulfone	0.056	0.28		1,2-Dibromo-3-chloropropane	0.11	15
	Aldrin	0.021			1,2- Dibromoethane (Ethylene dibromide)	0.028	15
	4-Aminobiphenyl	0.13	N/A		Dibromomethane	0.11	15
	Aniline	0.81	14		m-Dichlorobenzene	0.036	, 6
$\Box$	Anthracene	0.059	3.4		o- Dichlorobenzene	0.088	6
HHH	Aramite	0.36	N/A		p- Dichlorobenzene	0.09	6
HH	Barban Bendiocarb	0.056 0.056	1.4 1.4	HHH	Dichlorodifluoromethane	0.23	7.2
HHH	Bendiocarb phenol	0.056	1.4	HHH	1,1- Dichloroethane 1,2- Dichloroethane	0.059 0.21	6 6
HHH	Benomyl	0.056	1.4	HHH	1,1- Dichloroethylene	0.025	6
HHH	Benz (a) anthracene	0.059	3.4	HHH	trans-1,2- Dichloroethylene	0.023	30
HH	Benzal Chloride	0.055	6	HHH	2,4- Dichlorophenol	0.034	14
HHH	Benzene	0.14	10	HHH	2,6- Dichlorophenol	0.044	14
HHH	Benzo (b) fluoranthene	0.11	6.8	HHH	2,4-Dichorophenoxyacetic acid (2,4-D)	0.72	10
HH	Benzo (k) fluoranthene	0.11	6.8	HHH	1,2- Dichloropropane	0.85	18
HH	Benzo (g,h,i) perylene	0.0055	1.8		cis-1,3-Dichloropropylene	0.036	18
HHH	Benzo (a) pyrene	0.061	3.4	HHH	trans-1,3-Dichloropropylene	0.036	18
HH	alpha-BHC	0.00014	0.066	HH	Dieldrin	0.017	0.13
HH	beta-BHC	0.00014	0.066	HHH	Diethyl phthalate	0.2	28
HH	detta-BHC	0.023	0.066	НН	Diethylene glycol, dicarbamate	0.056	1.4
	gamma-BHC (Lindane)	0.0017	0.066		p-Dimethylaminoazobenzene	0.13	N/A
	Bromodichloromethane	0.35	15		2,4-Dimethyl phenol	0.036	14
$\Pi\Pi$	Bromomethane (Methyl bromide)	0.11	15		Dimethyl phthalate	0.047	28
	4-Bromophenyl phenyl ether	0.055	15		Dimetilan	0.056	1.4
	n-Butyl alcohol	5.6	2.6		Di-n-butyl phthalate	0.057	28
	Butyl benzyl phthalate	0.017	28		1,4-Dinitrobenzene	0.32	2.3
	Butylate	0.042	1.4	HHH	4,6-Dinitro-o-cresol	0.28	160
	2-sec-Butyl 4,6-dinitrophenol (Dinoseb)	0.066	2.5	HHH	2,4 Dinitrophenol	0.12	160
++++	Carbaryl	0.006	0.14	HHH	2,4-Dinitrotoluene	0.32	140
++++	Carbenzadim	0.056 0.006	1.4 0.14	HHH	2,6-Dinitrotoluene	0.55	28
HHH	Carbofuran	0.056	1.4	HHH	Di-n-octyl phthalate	0.017	28 14
HHH	Carbofuran phenol Carbon disulfide	3.8	4.8*	HHH	Di-n-propylnitrosamine 1,4-Dioxane	12	170
HHH	Carbon tetrachloride	0.057	6	HHH	Diphenylamine	0.92	13
HHH	Carbosulfan	0.028	1.4	HHH	Diphenylnitrosamine	0.92	13
HHH	Chlordane(alpha & gamma)	0.0033	0.26	HHH	1,2- Diphenylhydrazine	0.087	N/A
++++++++++++++++++++++++++++++++++++	p-Chloroaniline	0.46	16	<del>                                     </del>	Disulfoton	0.007	6.2
HHH	Chlorobenzene	0.057	6	HHH	Dithiocarbamates (total)	0.028	28
HHH	Chlorobenzilate	0.1	N/A	HH	Endosulfan I	0.023	0.066
HHH	2-Chloro-1,3-butadiene	0.057	0.28	HHH	Endosulfan II	0.029	0.13
HH	Chlorodibromomethane	0.057	15		Endosulfan sulfate	0.029	0.13
HH	Chloroethane	0.27	6		Endrin	0.0028	0.13
HHH	bis-(2-Chloroethoxy)methane	0.036	7.2		Endrin aldehyde	0.025	0.13
HHH	bis-(2-Chloroethyl)ether	0.033	6		EPTC	0.042	1.4
HH	2-Chloroethyl vinyl ether	0.062	N/A		Ethyl acetate	0.34	33
HH	Chloroform	0.046	6		Ethyl benzene	0.057	10
HH	bis-(2-Chloroisopropyl)ether	0.055	7.2		Ethyl cyanide (Propanenitrile)	0.24	360
HH	p-Chloro-m-cresol	0.018	14		Ethyl ether -	0.12	160
H	Chloromethane (Methyl chloride)	0.19	30		Ethyl methacrylate	0.14	160
$\Pi$	2-Chloronaphthalene	0.055	5.6		Ethylene oxide	0.12	N/A
$\Pi$	2-Chlorophenol	0.044	5.7		bis(2-Ethylhexyl) phthalate	0.28	28
HH	3-Chloropropylene	0.036	30		Famphur	0.017	15
	Chrysene	0.059	3.4		Fluoranthene	0.068	3.4
	o-Cresol	0.11	5.6		Fluorene	0.059	3.4
	Cresol (m-or p-isomers)	0.77	5.6		Formetanate hydrochloride	0.056	1.4

## UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

	iame: EPA Reg V- b ferson		)		M1822 1594		2
<i>ILI</i>		<u>ww</u>	NWW	MLI		ww	<u>www</u>
	Formparanate	0.056			Physostigmine salicylate	0.056	1.4
	Heptachlor	0.0012			Promecarb	0.056	1.4
1	Heptachlor epoxide	0.016		HH	Pronamide	0.093	1.5
11	Hexachlorobenzene	0.055 0.055		HH	Propham	0.056	1.4
+	Hexachlorobutadiene	0.055		HH	Propoxur	0.056	1.4
	Hexachlorocyclopentadiene Hexachloroethane	0.057		HHH	Prosulfocarb	0.042	1.4
+	Hexachloropropylene	0.035	30	$H \rightarrow H$	Pyrene Pyridine	0.067 0.014	8.2 16
+	HxCDDs(All Hexachlorodibenzo-p-dioxins)	0.000063			Safrole	0.081	22
+	HxCDFs( All Hexachlorodibenzofurans)	0.000063		HHH	Silvex (2,4,5-TP)	0.72	7.9
+	Indeno (1,2,3-c,d) pyrene	0.0055	3.4	HHH	1,2,4,5-Tetrachlorobenzene	0.055	14
+	lodomethane	0.19	65	HH	TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
	Isobutyl alcohol	5.6	170		TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
	Isodrin	0.021			1,1,1,2-Tetrachloroethane	0.057	6
	Isolan	0.056	1.4		1,1,2,2-Tetrachloroethane	0.057	6
$\perp$	Isosafrole	0.081	2.6	HH	Tetrachloroethylene	0.056	- 6
11	Kepone	0.0011	0.13	HHH	2,3,4,6-Tetrachlorophenol	0.03	7.4
+	Methacrylonitrile Methanol	5.6		HHH	Thiodicarb Thiophanate-methyl	0.019 0.056	1.4 1.4
++	Methapyrilene	0.081	1.5	H+H	Tirpate	0.056	0.28
++-	Methiocarb	0.056	1.4	HHH	Toluene	80.0	10
+	Methomyl	0.028	0.14	HHH	Toxaphene	0.0095	2.6
++	Methoxychlor	0.25	0.18	HH	Triallate	0.042	1.4
11	Methyl ethyl ketone	0.28	36	HH	Tribromomethane (Bromoform)	0.63	15
	Methyl isobutyl ketone	0.14	33		1,2,4-Trichlorobenzene	0.055	19
	Methyl methacrylate	0.14	160		1,1,1-Trichlorethane	0.054	6
	Methyl methansulfonate	0.018	N/A		1,1,2- Trichloroethane	0.054	6
$\perp$	Methyl parathion	0.014	4.6	HHH	Trichloroethylene	0.054	6
++	3-Methylcholanthrene 4,4-Methylene bis(2-chloroaniline)	0.0055	15 30	HHH	Trichloromonofluoromethane	0.02 0.18	30
+	Methylene chloride	0.089	30	HHH	2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	0.035	7.4 7.4
+	Metolcarb	0.056	1.4	HHH	2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.72	7.9
++	Mexacarbate	0.056	1.4	HHH	1,2,3-Trichloropropane	0.85	30
++-	Molinate	0.042	1.4	HHH	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
+	Napthalene	0.059	5.6	HHH	Triethylamine	0.081	1.5
+	2-Naphthylamine	0.52	N/A	HHH	tris-(2,3-Dibromopropyl) phosphate	0.11	0.1
	o-Nitroaniline	0.27	14	$\Pi\Pi$	Vernolate	0.042	1.4
	p-Nitroaniline	0.028	28		Vinyl chloride	0.27	6
	Nitrobenzene	0.068	14		Xylene(s)	0.32	30
$\perp$	5-Nitro-o-toluidine	0.32	28	HHH	Cyanides (Total)	1.2	590
+	o-Nitrophenol	0.028 0.12	13 29	HH	Cyanides (Amenable) Fluoride**	0.86	30
+	p-Nitrophenol N-Nitrosodiethylamine	0.12	28	HHH	Sulfide	35 14	N/A N/A
++	N-Nitrosodimethylamine	0.4	2.3	HHH	Antimony	1.9	1.15*
++	N-Nitroso-di-n-butylamine	0.4	17	HHH	Arsenic	1.4	5.0*
-	N-Nitrosomethylethylamine	0.4	2.3	1-1-1-1	Barium	1.2	21.0*
11	N-Nitrosomorpholine	0.4	2.3	HHH	Beryllium	0.82	1.22*
11	N-Nitrosopiperidine	0.013	35	HHH	Cadmium	0.69	0.11*
	N-Nitrosopyrrolidine	0.013	35	HHH	Chromium (Total)	2.77	0.60*
	Oxamyl	0.056	0.28	X	Lead	0.69	0.75*
	Parathion	0.014	4.6		Mercury (Nonwastewater from Retort)	N/A	0.20*
	Total PCBs	0.1	10		Mercury (All others)	0.15	0.025
	Pebulate	0.042	1.4		Nickel	3.98	11.0
1	Pentachlorobenzene	0.055	10	HHH	Selenium	0.82	5.7*
1	PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063 0.000035		HHH	Silver Thallium	0.43	0.14
+	PeCDFs(All Pentachlorodibenzofurans) Pentachloroethane	0.000035	6	HHH	Vanadium**	1.4 4.3	0.20*
++-	Pentachloronitrobenzene	0.055	4.8	$ \mathbf{x} $	Zinc**	2.61	1.6° 4.3°
++	Pentachlorophenol	0.033	7.4			2.01	7.5
++-	Phenacetin	0.081	16	·TCI	.P Values •• Not UH	C in characertistic	wastes /2
++	Phenanthrene	0.059	5.6		te stream(s) identified on the manifest listed a		
++-	Phenol	0.039	6.2	profile con	ain any of the constituents listed on this table	in concentrations	Jiidu
	o-Phenylenediamine	0.056	5.6	above the	regulatory levels?	501100114400115	
++	Phorate	0.021	4.6		/ /,		
	Phthalic acid	0.055	28	IXITT	yes / //-	7NO /	į
	Phthalic anhydride	0.055	28	سب	Thomas lughe Date:	15/07/	~
	Physostigmine	0.056	1.4	Signature	mous Wille Date.	10/01/0	
1 1	,	2.220		2	2	- 1	

Enter waste codes/subcategory, if applicable, in the table below for codes not found above:

MLI	WASTE CODES/SUBCATEGORY	TREATABILITY GROUP	TREATMENT STANDARD	
	11/1			_
SIGNATURE:	Manty Hughn	DATE: 10/2	71/00	



# WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

ATT.  $\square$ 

DIS.	REJ.	PR.
DIO.	ILCO.	

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

e print or type.						
UNIFORM HAZARDOU	·=·	Document	st 2. Pag	is no		ne shaded areas ed by Federal
WASTE MANIFEST  Generator's Name and Mailing Ad	OHR00010	0001213		law.	cument N	umher
US EPA Region V-Jeffe			M	0001	596	
77 W. Jackson Blvd.,				ite Generator's		
. Generator's Phone ( 812 )	886-7182		4243	County Rd.	74 Nino	Junction,
. Transporter 1 Company Name		US EPA ID Number	C. Sta	ite Transporter'	s IDIP	0124009-0
Dart Trucking Company,	Inc. OHD	0 0 9 8 6 5 8 2	D. Tra	insporter's Pho	ne <b>330</b>	533-9841
. Transporter 2 Company Name	8.	US EPA ID Number		ite Transporter		
				insporter's Pho	ne	
. Designated Facility Name and Site		JS EPA ID Number	G. Sta	nte Facility's ID		
Chemical Conservation			H Fac	cility's Phone		
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Valdosta, GA 31601  1. US DOT Description (including Pro		140	Containers	13.	14.	. Waste
	NUMBER).		o. Type	Total	Unit Wt/Vol	No.
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. Additional Descriptions for Materia		ERG: 132				a
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App USEG0235	Also D002 I	ERG: 132				a b
. Additional Descriptions for Materia  ApploSEG0235  5. Special Handling Instructions and	Also D002					a b
ApplUSEG0235  5. Special Handling Instructions and	Also D002  Additional Information  apitol Environ., Vila	., DE	8999			a b
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Additional Descriptions for Materia     App USEG0235      Special Handling Instructions and     Cop to Central     GENERATOR'S CERTIFICATION: I hereb packed, marked, and labeled, and are in	Additional Information  apitol Environ.  y declare that the contents of this consignall respects in proper condition for transparent.	<b>DE</b> ntal (382) 652-  ment are fully and accuratel ort by highway according to	y described ab applicable int	ernational and na	tional gove	a b c d
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Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure all copies are legible.

Federal and state regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in 40 CFR and Part 111 of Act 451 of 1994; as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994, as amended (Part

Federal and State regulations provide for additional requirements, not included in these instructions, regarding the use and management of this form (40 CFR, 49 CFR, Part 111, Part 121).

Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wmd or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDEQ.

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

- Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).
- Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown
- Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J
- Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load

NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.

- Item 5. Enter the company name of the first transporter who will transport the waste.
- Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 7. If using a second transporter, enter the company name.
- Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional works dreams. waste streams.

- Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest.
- Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.
- Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DOT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs DW = Wooden drums, barrels, kegs CY = Cylinders CM = Metal boxes, cartons, cases (including roll-offs)

Fiberboard or plastic drums, barrels, kegs DT Dump truck

CW = Wooden boxes, cartons, cases CF = Fiber or plastic boxes, cartons, cases

Tanks, portable Cargo tanks (tank trucks) = Tank cars

BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions.

Item 14. Enter the appropriate abbreviation for the unit of measure listed below.

G = Gallons (liquids only) = Pounds

L = Liters (liquids only) K = Kilograms

T = Tons (2000 lbs.)

M = Metric tons (1000 kg)

Y = Cubic yards

N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D. If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

007L
014L
017L
019L
021L
022L
026L
029L
030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	В
Conditionally Exempt Small Quantity Generator	C
Emergency Response Cleanup	E
Household Generated	H
Recycled Precious Metals	P
Recycled, Reclaimed, Used or Reused	R
Universal Waste	U

#### INTERNATIONAL SHIPMENTS

Exports- Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

#### MANIFEST DISTRIBUTION

**GENERATOR:** Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

**DESIGNATED FACILITY:** Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

#### ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30038 LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15. Send comments regarding these burden statements or any other aspect of this collection, including suggestions for reducing the burden, including through use of automated collection techniques to the Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2.37), 401 M St., S.W., Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Attention: Desk Officer for EPA, 725 17th Street, N.W., Washington, D.C., 20503. Include the OMB control number in any correspondence.



#### WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

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ATT.

DIS. [	] R	EJ. 🗌	PR.

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

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Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter/computer printer: a firm point pen may also be used - press down hard. Ensure all copies are legible.

Federal and state regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (8700-22) and, if necessary, the continuation sheet (Form 8700-22A) for both inter- and intrastate transportation of hazardous waste as defined in 40 CFR and Part 111 of Act 451 of 1994, as amended (Part 111). State regulations also require the use of this manifest for all regulated shipments of liquid industrial waste as required in Part 121 of Act 451 of 1994. as amended (Part 121).

Federal and State regulations provide for additional requirements, not included in these instructions, regarding the use and management of this form (40 CFR, 49 CFR, Part 111, Part 121).

Additional information such as "Rejected Load Procedures", state assigned identification numbers, manifest forms, etc., can be obtained by contacting the Michigan Department of Environmental Quality (MDEQ), Waste Management Division's (WMD) Internet Home Page at: http://www.deq.state.mi.us/wmd or you may contact the Manifest Unit directly at (517) 373-1217. Continuation sheets are not supplied by MDEQ.

Complete all items on the manifest. Enter "N/A" if any item does not apply. Leave items that may be needed later blank, such as second transporter.

Item 1. Enter the generator's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a generator does not have a U.S. EPA assigned number, a state assigned number must be obtained and used. The generator of the waste must enter a unique five digit manifest document number (e.g. 00001).

Item 2. Page number 1 of 1 should be recorded unless a continuation sheet is used, in which case the total number of pages, counting the initial manifest page, should be shown.

Item 3. Enter the name of the generator and the mailing address to which the manifest should be mailed. If the address of the site at which the waste was placed into transportation is different from the mailing address record the site address in Item J.

Item 4. Enter a telephone number (including area code) where an authorized agent of the generator can be reached in the event of an emergency and/or a partial or total rejected load.

NOTE: The 24 hour emergency phone number required for a hazardous materials shipping paper may be different from the generator's phone number.

Item 5. Enter the company name of the first transporter who will transport the waste.

Item 6. Enter the transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 7. If using a second transporter, enter the company name.

Item 8. Enter the second transporter's U.S. EPA twelve digit identification number. For Part 121 manifested shipments where a transporter does not have a U.S. EPA assigned number, a state assigned number is to be used.

NOTE: If more than two transporters are used, the generator or third transporter shall initiate a continuation sheet. In item L of the continuation sheet, the generator/transporter must copy the State manifest document number listed in Item A. Every transport company used between the generator and the designated facility (except for intermediate rail or barge transporters used between the initial rail or barge carriers and the designated facility) must be listed. This is not intended to require multiple signatures for individual drivers working for one transporter. Item 2 is to be changed to reflect the added page(s). Continuation sheets must be appropriately completed in their entirety and properly distributed. Continuation sheets may not be used to list additional waste streams.

Item 9. Enter the company name and site address of the facility designated to receive the waste listed on this manifest.

Item 10. Enter the U.S. EPA twelve digit identification number for the designated facility described in Item 9. For Part 121 manifested shipments where a designated facility does not have a U.S. EPA assigned number, a state assigned number is to be used.

Item 11. Enter an X in the HM box if the waste is a hazardous material regulated by U.S. DOT. (See 49 CFR 172). Enter the required U.S. DOT shipping description, including Proper Shipping Name, Hazard Class or Division, ID Number (UN/NA), and packing group for each waste as identified in 49 CFR 172. Additional information may also be required in this space, including technical name and reportable quantity references. For only Part 121 regulated wastes include an appropriate shipping description for the waste stream.

Item 12. Enter the number of containers for each waste and the appropriate abbreviations listed below for the type of container. Each container type requires separate entry.

DM = Metal drums, barrels, kegs DW = Wooden drums, barrels, kegs DF = Fiberboard or plastic drums, barrel

w = wooden drums, barrels, kegs F = Fiberboard or plastic drums, barrels, kegs T = Dump truck

TP = Tanks, portable
TT = Cargo tanks (tank trucks)
TC = Tank cars

CY = Cylinders CM = Metal boxes, cartons, cases

(including roll-offs)

CW = Wooden boxes, cartons, cases

CW = Wooden boxes, cartons, cases CF = Fiber or plastic boxes, cartons, cases BA = Burlap, cloth, paper / plastic bags

Item 13. Enter the total quantity of waste described on each line. Do not use decimals or fractions.

Item 14. Enter the appropriate abbreviation for the unit of measure listed below

G = Gallons (liquids only) P = Pounds

L = Liters (liquids only)
K = Kilograms
M = Metric tons (1000 kg)
N = Cubic meters

Item 15. The generator may use this space to indicate special transportation, treatment, storage or disposal information. Import/Export information as noted in the "International Shipment" instructions section is to be recorded here.

Item 16. The generator must read, print his/her name, sign and date the certification statement.

Item 17. Print the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 18. If applicable, print the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 19. An authorized representative of the designated (or alternate) facility must note in this space any discrepancy in the waste shipment.

Item 20. Print the name of the person accepting the waste on behalf of the designated facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

NOTE: MDEQ "Rejected Load Procedures" provides guidance for partial or total load rejections.

Only the following Information In the shaded area is a State of Michigan requirement:

Item A. A preprinted State manifest document number.

Item B - H. May be required by other states.

Item I. For hazardous wastes, enter the appropriate waste numbers found in R299.9212 through R299.9214 of Part 111 and 40 CFR 261 Subparts C and D, If more than one waste number is required to appropriately identify the waste, enter the additional numbers in Item J. In selecting the most appropriate waste number the following hierarchy must be used: acute waste (including P and acute F), U (toxic), K (specific sources), non-acute F (non-specific sources) and D (characteristic). State regulated wastes follow the same hierarchy as federally regulated wastes. For Part 121 wastes which are not hazardous wastes enter the appropriate code listed below.

	007L
Crankcase Oil	017L
Coolants and Water Soluble Oils	019L
Other Oil (Describe in Item 11 or Item J)	021L
Brine	022L
PCB	026L
Other wastes (Describe in Item 11 or Item J)	029L
Antifreeze	030L

Item J. Generators are to use this space for the site address if different from the mailing address noted in Item 3, additional waste codes, additional description for a Part 121 waste as noted in Item I of these instructions, approval of commingling authority as required in R299.9304(6).

Item K. List any specific codes which apply.

Burned for Energy Recovery	B
	-
Conditionally Exempt Small Quantity Generator	C
Emergency Response Cleanup	E
Household Generated  Recycled Precious Metals	H
Recycled Precious Metals	p
1 100 y 010 u 1 100 100 u 11 u 100 u	- 5
Recycled, Reclaimed, Used or Reused	H
Universal Waste	U

#### INTERNATIONAL SHIPMENTS

**Exports-** Transporters must sign and enter the date the waste leaves the United States in Item 15. The primary exporter must identify the point of departure from the United States.*

Imports- Shipments of hazardous and Part 121 regulated wastes must be accompanied by a U.S. EPA Uniform Hazardous Waste Manifest. Any person functioning as the U.S. Importer, as defined in Part 111, must complete the manifest as required in R299.9310.*

*Transporters of hazardous waste shipments must deliver a copy of the manifest to U.S. Customs when importing or exporting the waste across U.S. borders. Record the foreign waste manifest document number in Item J.

#### MANIFEST DISTRIBUTION

**GENERATOR:** Upon placing the waste into transportation (first transporter signs and dates manifest) remove the white and gold banded copies and give the remainder of the manifest copies to the transporter. Send the white copy to MDEQ no later than the tenth day of the month following the shipment. For shipments of wastes being transported to a designated facility outside of Michigan when an out-of-state manifest is used, mail to the MDEQ a photocopy of the manifest when the shipment is placed into transportation and mail a photocopy of the second generator manifest copy, when received.

TRANSPORTER: Upon delivery to the designated (or alternate) facility, and that facility signs and dates the manifest, the canary banded copy will be returned to you. If more than one transporter is used, the manifest is to be copied and supplied to the previous transporter acknowledging the receipt of the shipment by the next transporter. The canary banded copy stays with the manifest until the shipment reaches the designated facility.

DESIGNATED FACILITY: Upon signing and dating the manifest as received, give the canary banded copy to the transporter. Return the blue banded copy to the generator. Mail the pink banded copy to the MDEQ no later than the 10th day of the month following receipt of shipment.

#### ADDRESS ALL MDEQ MANIFEST COPIES TO:

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
PO BOX 30038
LANSING MI 48909-7538

The public reporting burden for this collection of information is estimated to average 31 minutes for generators, 16 minutes for transporters, and 16 minutes for treatment, storage and disposal facilities. The record keeping burden per response for this collection of information is estimated to average 6 minutes for generators, 6 minutes for transporters, and 6 minutes for treatment, storage and disposal facilities. The burden associated with reading the regulations is estimated at 1 hour and 15 minutes annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15. Send comments regarding these burden statements or any other aspect of this collection, including suggestions for reducing the burden; including through use of automated collection techniques to the Director, OPPE Regulatory information Division, U.S., Environmental Protection Agency (2.37), 401 M St., S.W., Washington, D.C., 20460 and to the Office of Information and Regulatory Affairs, Office of Management and Budget. Attention: Desk Officer for EPA, 725 17th Street, N.W., Washington, D.C., 20503. Include the OMB control number in any correspondence.



WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

## DO NOT WRITE IN THIS SPACE

REJ. □ PR.□

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

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se print or ty		1. Generator's US E	PA ID No	Manifest	2. Pa		ation in	the shaded areas
	NIFORM HAZARDOUS WASTE MANIFEST		Do	cument No.	of,	is not		red by Federal
	erator's Name and Mailing Address	10 H R Ø Ø Ø	1000812			law.	ument	Number
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	Jackson Blvd., Chica	•						
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	SUBPART CC AND	LAND DISPOSA	L RESTRICTION NOTIFIC	ATION FORM
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Generator Name EPA 199	V Afferson Proces	Sin Manife	st No. M182215	94 Page of
This is a wastewater s	stream.	Thi	s is a non-wastewater stream	m.
NOTE: BOXES C	ORRESPOND TO MANIFEST LINE ITEM	abcd		
The waste(s) described above, do	oes not meet the applicable treatment	standards in 40	CFR 268 Subpart D and/or	the applicable prohibition levels in 40CFR 268.32
or RCRA 3004(d)(California List)				and approach of the first the second
SUBPART CC: IN	DICATE WHETHER WASTES (	N THE MAN	FEST ARE REGULATE	D UNDER SUBPART CC FOR CONTAINING
				PMW BY ENTERING A "Y" FOR "YES"
	OR "NO" AS APPROPRIATE		NEW PROPERTY	MIN BI ENTERING A 1 TOR TES
A. CHARACTERISTIC WASTE		B. LISTED V	ASTE	
M L I CODE SUBCATEGO	RY/CONSTITUENTS	MLI CO	DE SUBCATEGORY/CONS	TITUENTS
D001 Ignitable Was	tes (TOC>10%)	F00	1 Spent Halogenated Solv	vente
D001* Ignitable Was			2 Spent Halogenated Solv	
D002* Corrosive Wa			3 Spent Non-halogenated	
D003 Reactive Sulfi	des based on 261.23(a)(5)		4 Spent Non-halogenated	
D003° Explosives ba	sed on 261.23(a) (6),(7),(8)		5 Spent Non-halogenated	
D003 Unexploded o			LATED CONSTITUENTS F	OR LISTED WASTES
	e based on 261.23(a) (1)	IDENTIFIED A	BOVE (F001-F005):	
	re based on 261.23(a) (2),(3),(4)	HHH	Acetone	
	nides based on 261.23 (a) (5)	HHH	Benzene n-Butyl alcohol	
D004* Arsenic D005* Barium		HHH	Carbon disulfide	
D006* Cadmium		HHH	Carbon tetrachloride	
D006* Cadmium Con	ntaining Batteries		Chlorobenzene	
D007° Chromium	,	$\Box$	o-Cresol	
D008* Lead		HHH	m-Cresol	
D008* Lead Acid Bat		HHH	p-Cresol Cresol	
D009* High Mercury-		HHH	Cyclohexanone	
D009* Low Mercury	morganic	HHH	o-Dichlorobenzene	
D009* Mercury Wast	ewater		Ethyl acetate	
D010* Selenium			Ethyl benzene	
D011* Silver		HHH	Ethyl ether	
D012* Endrin		HHH	Isobutyl alcohol Methanol	
D013 Lindarie			Methylene chloride	
D015* Toxaphene			Methyl ethyl Ketone	
D016* 2,4-D			Methyl isobutyl ketone	
D017* 2,4,5-TP (Silve	ex)	HHH	Nitrobenzene	
D018° Benzene D019° Carbon Tetrac	chloride	HHH	Pyridine Tetrachloroethylene	
D019 Calbon retac	HOILE	HHH	Toluene	
D021* Chlorobenzen		HHH	1,1,1-Trichloroethane	
D022* Chloroform	-		1,1,2-Trichloroethane	
D023* o-Cresol			1,1,2-Trichloro-1,2,2-triff	uoroethane
D024* m-Cresol			Trichloroethylene	
D025* p-Cresol		HHH	Trichloromonofluoromet	nene
D026 Cresol (Total)		HHH	Xylenes	
D027* p-Dichloroben		HHH	2-Nitropropene 2-Ethoxyethanol	
D028* 1,2-Dichloroet		نللب	z-culoxyeulail0i	
D030* 2,4-Dinitrotolu		TTT FOO	6 Electroplating WWT sluc	ige
D031* Heptachlor			5 Wood preserving waster	
D032* Hexachlorobe	nzene			ary oil/water separation sludge
D033* Hexachlorobu	tadiene	F03	8 Petroleum refinery seco	ndary oil/water separation sludge
D034* Hesxachloroe			9 Multi-source Leachate	
D035* Methyl ethyl k			8 Dissolved air flotation flo	at
D036* Nitrobenzene		LIII KO	9 Slop oil emulsion solids	
D037* Pentachloroph D038* Pyridine	icitor	C. CALIFOR	NIA LIST CONSTITUENTS	
D039* Tetrachloroett	hylene	OK	20.0.1102.110	-
D040* Trichloroethyle			Nickel	
D041° 2,4,5-Trichlore			Thallium	
D042* 2,4,6-Trichlore	ophenol		Liquids with PCB's	
D043* Vinyl chloride			Wastes containing HOC	's >1000ppm
*Attach a completed UTS	S/IJHC form to this document			
Attach a completed 013	S/UHC form to this document.			
D. OTHER WASTES				
-				8
Enter waste codes/subcategor	y, if applicable, in the table below for o	codes not found	above,	
			TREATABILITY	TREATMENT
MLI	WASTE CODES/SUBCATEGOR	RY	GROUP	STANDARD
	1.			
	// //			1
	10 / //			int 1
SIGNATURE / M	rous //sujus			10120 oc
SIGNATURE:		11	DATE:	
CIKETEAN	you Thomas	Cools,	OSC.	·
14.001 NC Y2 -1-	-			

#### · UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

Generator Name: ElA Reg. V. Je Herson Processing

Manifest No: <u>M18221594</u>

Page: 1 of 2

List all constituents on both pages of this document that are present in D001(except for TOC≥ 10%), D002, D003# and D004-D043 waste streams in concentrations above the stated levels. The regulatory levels are in total concentrations, unless noted with an asterick. (# Explosive, water reactive and other reactive only) (WW = Wastewater; NWW = Non-Wastewater). Insert the manifest line identifier (MLI) in the boxed to the left of the constituents. If using this form in association with a profile, place an X in the box next to the approriate constituent(s).

Acenaphthylene	MLI		<u>ww</u>	NWW	MLI		ww	NWW
Acetone	$\Box$	A2213	0.042	1.4	ПП	m-Cumenyl methylcarbamate	0.056	1.4
Acetone		Acenaphthene	0.059	3.4	HH	Cyclohexanone	0.36	0.75*
Acetonirale	HH	Acenaphthylene	0.059	3.4		o,p'- DDD	0.023	0.087
Acetonirale		Acetone	0.28	160	H	p,p'- DDD	0.023	0.087
Acetophennone		Acetonitrile	5.6	38	H		0.031	0.087
Acroleín   0.29 N/A   P.p. DOT   0.0039 0.085   0.82   1.2-Dismordianjanthracene   0.055   8.2   1.2-Dismordianjanthracene   0.055   8.2   1.2-Dismordianjanthracene   0.051 N/A   Acrylonitrile   0.24   84   Diberd(a,)parthracene   0.051 N/A   Acrylonitrile   0.26   1.2-Dismordianjanthracene   0.051 N/A   Acrylonitrile   0.26   1.2-Dismordianjanthracene   0.051 N/A   Acrylonitrile   0.26   1.2-Dismordianjanthracene   0.011 N/A   Acrylonitrile   0.28 N/A   Dibromordianjanthracene   0.111   15   0.25   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28   0.28		Acetophenone	0.01	9.7			0.031	0.087
Acrylamide		2-Acetylaminofluorene	0.059	140		o,p'- DDT	0.0039	0.087
Acrylamide	HHH	Acrolein	0.29	N/A		p,p'- DDT	0.0039	0.087
Aldicarb sulfone		Acrylamide	19	23			0.055	8.2
Aldicarb sulfone		Acrylonitrile	0.24	84		Dibenz(a,e)pyrene	0.061	N/A
Aldrin	HHH	Aldicarb sulfone	0.056	0.28			0.11	15
Aniline 0.81 14	HHH	Aldrin	0.021	0.066			0.028	15
Anthracene	HH	4-Aminobiphenyl	0.13	N/A		Dibromomethane	0.11	15
Barban		Aniline	0.81	14		m-Dichlorobenzene	0.036	, 6
Bardon		Anthracene	0.059	3.4		o- Dichlorobenzene	0.088	6
Bendiocarb phenol   0.056   1.4   1.1 - Dichloroethane   0.059   6   1.4   1.2 - Dichloroethane   0.21   6   6   6   6   6   6   6   7   6   6	HH	Aramite		N/A		p- Dichlorobenzene		
Bencompt		Barban				Dichlorodifluoromethane		
Benomy	$\overline{\Box}$					•		
Benza (a) anthracene								
Benzal Chloride								
Benzo (b) fluoranthene								
Benzo (b) fluoranthene								
Benzo (kh) perylene								
Benzo (a) pryene					ШП			
Benzo (a) pyrene   0.061   3.4   alpha-BHC   0.00014   0.066   Dieldrin   0.017   0.13   0.13   0.15   0.16   0.0014   0.066   Dieldrin   0.017   0.15   0.15   0.15   0.16   0.0014   0.066   Dieldrin   0.017   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15   0.15		The state of the s						
alpha-BHC								
Delta-BHC				100	ШП			
deta_BHC   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.066   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0.0017   0		•						
gamma-BHC (Lindane)								
Bromodichloromethane   0.35   15   2,4-Dimethyl phenol   0.036   14					HH			
Bromomethane (Methyl bromide)					HHH			
4-Bromophenyl phenyl ether					HHH			
n-Butyl alcohol   5.6   2.6     Di-n-butyl phthalate   0.057   28   2.3   2.3   2.3   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.	HHH				HHH			
Butyl benzyl phthalate	HHH				HHH			
Butylate	HHH				HHH			
2-sec-Butyl 4,6-dinitrophenol (Dinoseb)   0.066   2.5     2,4-Dinitrophenol   0.12   160	HHH				HHH			
Carbaryl	++++	•			HHH	The state of the s		
Carbofuran	1111				HHH	•		
Carbofuran   0.006   0.14   Di-n-octyl phthalate   0.017   28	+++++	•			HHH			
Carbofuran phenol	HHH				HHH	•		
Carbon disulfide         3.8         4.8*         1,4-Dioxane         12         170           Carbon tetrachloride         0.057         6         Diphenylamine         0.92         13           Carbosulfan         0.028         1.4         Diphenylnitrosamine         0.92         13           Chlordane(alpha & gamma)         0.0033         0.26         1,2- Diphenylhydrazine         0.087         N/A           P-Chloroaniline         0.46         16         Disulfoton         0.017         6.2           Chlorobenzene         0.057         6         Dithiocarbamates (total)         0.028         28           Chlorobenzilate         0.1         N/A         Endosulfan I         0.023         0.066           Chlorodibromomethane         0.057         0.28         Endosulfan II         0.029         0.13           Chloroethane         0.27         6         Endrin aldehyde         0.025         0.13           bis-(2-Chloroethyl)ether         0.033         6         EPTC         0.042         1.4           Chloroform         0.046         6         Ethyl acetate         0.34         33           Chloroform         0.046         6         Ethyl capanide (Propanenitrile)         0.24	HHH				HHH			
Carbon tetrachloride	HHH				HHH			
Carbosulfan   0.028   1.4   DiphenyInitrosamine   0.92   13					HH			
Chlordane(alpha & gamma)	HHH				HH			
p-Chloroaniline	HHH				. HHH			
Chlorobenzene					HHH			
Chlorobenzilate	HHH	The state of the s			HHH			
2-Chloro-1,3-butadiene         0.057         0.28         Endosulfan II         0.029         0.13           Chlorodibromomethane         0.057         15         Endosulfan sulfate         0.029         0.13           Chloroethane         0.27         6         Endrin         0.0028         0.13           bis-(2-Chloroethoxy)methane         0.036         7.2         Endrin aldehyde         0.025         0.13           bis-(2-Chloroethyl)ether         0.033         6         EPTC         0.042         1.4           2-Chloroethyl vinyl ether         0.062         N/A         Ethyl acetate         0.34         33           Chloroform         0.046         6         Ethyl benzene         0.057         10           bis-(2-Chloroisopropyl)ether         0.055         7.2         Ethyl persene         0.057         10           De-Chlorom-cresol         0.018         14         Ethyl ether         0.12         160           Chloromethane (Methyl chloride)         0.19         30         Ethyl methacrylate         0.12         N/A           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloroppropylene         0.059         3.4         Fl	HHH				HHH			
Chlorodibromomethane         0.057         15         Endosulfan sulfate         0.029         0.13           Chloroethane         0.27         6         Endrin         0.0028         0.13           bis-(2-Chloroethoxy)methane         0.036         7.2         Endrin aldehyde         0.025         0.13           bis-(2-Chloroethyl)ether         0.033         6         EPTC         0.042         1.4           2-Chloroethyl vinyl ether         0.062         N/A         Ethyl acetate         0.34         33           Chloroform         0.046         6         Ethyl benzene         0.057         10           bis-(2-Chloroisopropyl)ether         0.055         7.2         Ethyl cyanide (Propanenitrile)         0.24         360           p-Chloromethane (Methyl chloride)         0.19         30         Ethyl ether         -         0.12         160           Chlorophenol         0.055         5.6         Ethyl methacrylate         0.14         160           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloropropylene         0.059         3.4         Fluoranthene         0.068         3.4           Chrysene         0.011         5.6 <td>HHH</td> <td></td> <td></td> <td></td> <td>1-1-1-1</td> <td></td> <td></td> <td></td>	HHH				1-1-1-1			
Chloroethane	HHH				HHH			
bis-(2-Chloroethoxy)methane   0.036   7.2   Endrin aldehyde   0.025   0.13	HHH				HHH			
bis-(2-Chloroethyl)ether   0.033   6   EPTC   0.042   1.4	HH				HHH			
2-Chloroethyl vinyl ether         0.062         N/A         Ethyl acetate         0.34         33           Chloroform         0.046         6         Ethyl benzene         0.057         10           bis-(2-Chloroisopropyl)ether         0.055         7.2         Ethyl cyanide (Propanenitrile)         0.24         360           p-Chloro-m-cresol         0.018         14         Ethyl ether -         0.12         160           Chloromethane (Methyl chloride)         0.19         30         Ethyl methacrylate         0.14         160           2-Chloronaphthalene         0.055         5.6         Ethylene oxide         0.12         N/A           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloropropylene         0.036         30         Famphur         0.017         15           Chrysene         0.059         3.4         Fluoranthene         0.058         3.4           0-Cresol         0.11         5.6         Fluorene         0.059         3.4	HH	, ,,						
Chloroform         0.046         6         Ethyl benzene         0.057         10           bis-(2-Chloroisopropyl)ether         0.055         7.2         Ethyl cyanide (Propanenitrile)         0.24         360           p-Chloro-m-cresol         0.018         14         Ethyl ether -         0.12         160           Chloromethane (Methyl chloride)         0.19         30         Ethyl methacrylate         0.14         160           2-Chloronaphthalene         0.055         5.6         Ethylene oxide         0.12         N/A           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloropropylene         0.036         30         Famphur         0.017         15           Chrysene         0.059         3.4         Fluoranthene         0.068         3.4           0-Cresol         0.011         5.6         Fluorene         0.059         3.4					HHH			
bis-(2-Chloroisopropyl)ether         0.055         7.2         Ethyl cyanide (Propanenitrile)         0.24         360           p-Chloro-m-cresol         0.018         14         Ethyl ether -         0.12         160           Chloromethane (Methyl chloride)         0.19         30         Ethyl methacrylate         0.14         160           2-Chloronaphthalene         0.055         5.6         Ethylene oxide         0.12         N/A           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloropropylene         0.036         30         Famphur         0.017         15           Chrysene         0.059         3.4         Fluoranthene         0.058         3.4           0-Cresol         0.11         5.6         Fluorene         0.059         3.4		•						
p-Chloro-m-cresol         0.018         14         Ethyl ether -         0.12         160           Chloromethane (Methyl chloride)         0.19         30         Ethyl methacrylate         0.14         160           2-Chloronaphthalene         0.055         5.6         Ethylene oxide         0.12         N/A           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloropropylene         0.036         30         Famphur         0.017         15           Chrysene         0.059         3.4         Fluoranthene         0.068         3.4           0-Cresol         0.11         5.6         Fluorene         0.059         3.4								
Chloromethane (Methyl chloride)   0.19   30   Ethyl methacrylate   0.14   160					HHH			
2-Chloronaphthalene         0.055         5.6         Ethylene oxide         0.12         N/A           2-Chlorophenol         0.044         5.7         bis(2-Ethylhexyl) phthalate         0.28         28           3-Chloropropylene         0.036         30         Famphur         0.017         15           Chrysene         0.059         3.4         Fluoranthene         0.068         3.4           0-Cresol         0.11         5.6         Fluorene         0.059         3.4								
2-Chlorophenol     0.044     5.7     bis(2-Ethylhexyl) phthalate     0.28     28       3-Chloropropylene     0.036     30     Famphur     0.017     15       Chrysene     0.059     3.4     Fluoranthene     0.068     3.4       o-Cresol     0.11     5.6     Fluorene     0.059     3.4								
3-Chloropropylene       0.036       30       Famphur       0.017       15         Chrysene       0.059       3.4       Fluoranthene       0.068       3.4         o-Cresol       0.11       5.6       Fluorene       0.059       3.4					HHH	•		
Chrysene         0.059         3.4         Fluoranthene         0.068         3.4           o-Cresol         0.11         5.6         Fluorene         0.059         3.4								
o-Cresol 0.11 5.6 Fluorene 0.059 3.4								
Cresol (m-or p-isomers) 0.77 5.0 Formetanate hydrochloride 0.056 1.4					HHH	A DESCRIPTION OF SOME		
		Cresol (III-or p-isomers)	0.77	3.0		Formetanate hydrochloride	0.050	1.4

## UNIVERSAL TREATMENT STANDARDS(UTS)/UNDERLYING HAZARDOUS CONSTITUENTS(UHC) FORM

nerator N	ame:EHA Beg V. Jeffelson	geg_		Manifest No:	M18221596	Page_2_of_	2_
MLI		ww	www	MLI		ww	NWW
	Formparanate	0.056	1.4		Physostigmine salicylate	0.056	1.4
$\perp$	Heptachlor	0.0012			Promecarb	0.056	1.4
$\perp$	Heptachlor epoxide	0.016		$\square$	Pronamide	0.093	1.5
	Hexachlorobenzene	0.055	10	HH	Propham	0.056	1.4
	Hexachlorobutadiene	0.055	5.6	HH	Propoxur	0.056	1.4
	Hexachlorocyclopentadiene	0.057	2.4		Prosulfocarb	0.042	1.4
	Hexachloroethane	0.055	30		Pyrene	0.067	8.2
	Hexachloropropylene	0.035	30		Pyridine	0.014	16
	HxCDDs(All Hexachlorodibenzo-p-dioxins)	0.000063			Safrole	0.081	22
$\perp \perp \perp$	HxCDFs( All Hexachlorodibenzofurans)	0.000063		HHH	Silvex (2,4,5-TP)	0.72	7.9
$\perp$	Indeno (1,2,3-c,d) pyrene	0.0055	3.4 65	HHH	1,2,4,5-Tetrachlorobenzene	0.055	14
$\perp$	Iodomethane	0.19		HHH	TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
$\perp$	Isobutyl alcohol	5.6	170	HHH	TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
$\perp$	Isodrin	0.021 0.056	0.066	HHH	1,1,1,2-Tetrachloroethane	0.057	6
+	Isolan	0.036	1.4 2.6	HHH	1,1,2,2-Tetrachloroethane	0.057	6
+	Isosafrole	0.0011	0.13	HHH	Tetrachloroethylene	0.056	6
+	Kepone Mathaendanitrila	0.0011	84	HHH	2,3,4,6-Tetrachlorophenol	0.03	7.4
+	Methacrylonitrile Methanol	5.6	0.75*	HHH	Thiodicarb Thiophopate method	0.019	1.4
+	Methapyrilene	0.081	1.5		Thiophanate-methyl Tirpate	0.056 0.056	1.4 0.28
+++	Methiocarb	0.056	1.4		Toluene	80.0	10
+++	Methomyl	0.028	0.14	<del>                                     </del>	Toxaphene	0.0095	2.6
+++	Methoxychlor	0.25	0.18		Triallate	0.0093	1.4
+++	Methyl ethyl ketone	0.28	36	HHH	Tribromomethane (Bromoform)	0.63	15
+H	Methyl isobutyl ketone	0.14	33	HHH	1,2,4-Trichlorobenzene	0.055	19
+	Methyl methacrylate	0.14	160	HH	1,1,1-Trichlorethane	0.054	6
+	Methyl methansulfonate	0.018	N/A	HHH	1,1,2- Trichloroethane	0.054	6
+	Methyl parathion	0.014	4.6	HHH	Trichloroethylene	0.054	6
+H	3-Methylcholanthrene	0.0055	15	HHH	Trichloromonofluoromethane	0.02	30
+	4.4-Methylene bis(2-chloroaniline)	0.5	30	HHH	2,4,5-Trichlorophenol	0.18	7.4
+	Methylene chloride	0.089	30	HHH	2,4,6-Trichlorophenol	0.035	7.4
+	Metolcarb	0.056	1.4	HHH	2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.72	7.9
+H	Mexacarbate	0.056	1.4	HHH	1,2,3-Trichloropropane	0.85	30
+	Molinate	0.042	1.4	HHH	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
+	Napthalene	0.059	5.6	HH	Triethylamine	0.081	1.5
+H	2-Naphthylamine	0.52	N/A	HHH	tris-(2,3-Dibromopropyf) phosphate	0.11	0.1
+	o-Nitroaniline	0.27	14	HH	Vernolate	0.042	1.4
+	p-Nitroaniline	0.028	28	HH	Vinyl chloride	0.27	6
+	Nitrobenzene	0.068	14		Xylene(s)	0.32	30
$\overline{}$	5-Nitro-o-toluidine	0.32	28		Cyanides (Total)	1.2	590
$\neg \neg$	o-Nitrophenol	0.028	13		Cyanides (Amenable)	0.86	30
+	p-Nitrophenol	0.12	29	HH	Fluoride**	35	N/A
+	N-Nitrosodiethylamine	0.4	28	HH	Sulfide	14	N/A
$\overline{}$	N-Nitrosodimethylamine	0.4	2.3		Antimony	1.9	1.15*
$\overline{}$	N-Nitroso-di-n-butylamine	0.4	17		Arsenic	1.4	5.0°
$\top$	N-Nitrosomethylethylamine	0.4	2.3		Barium	1.2	21.0*
$\top$	N-Nitrosomorpholine	0.4	2.3		Beryllium	0.82	1.22*
$\Box$	N-Nitrosopiperidine	0.013	35		Cadmium	0.69	0.11*
	N-Nitrosopyrrolidine	0.013	35		Chromium (Total)	2.77	0.60*
	Oxamyl	0.056	0.28		Lead	0.69	0.75*
	Parathion	0.014	4.6		Mercury (Nonwastewater from Retort)	N/A	0.20*
	Total PCBs	0.1	10		Mercury (All others)	0.15	0.025*
	Pebulate	0.042	1.4		Nickel	3.98	11.0
$\Box$	Pentachlorobenzene	0.055	10		Selenium	0.82	5.7*
$\Box$	PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001		Silver	0.43	0.14
$\Box$	PeCDFs(All Pentachlorodibenzofurans)	0.000035	0.001		Thallium	1.4	0.20°
$\top$	Pentachloroethane	0.055	6		Vanadium**	4.3	1.6*
$\top$	Pentachloronitrobenzene	0.055	4.8	$\Box$	Zinc**	2.61	4.3*
$\Box$	Pentachlorophenol	0.089	7.4				
+	Phenacetin	0.081	16	* TCL	P Values ** Not UHC	in characertistic v	vastes (26
+	Phenanthrene	0.059	5.6	Do the was	te stream(s) identified on the manifest listed at	pove or on the atta	ched
+++	Phenol	0.039	6.2	profile cont	ain any of the constituents listed on this table i	n concentrations	
+	o-Phenylenediamine	0.056	5.6		regulatory levels?		
+	Phorate	0.021	4.6	22010 0101	2 /		
+++	Phthalic acid	0.055	28	$\Box$	KEK / // INTIT		/
+		0.055	28	ركسا	Money Mughe Date:	<b>」</b>	′.
+	Phthalic anhydride			Siar	mous // My/les_	10/77/1	ec
1 1	Physostigmine	0.056	1.4	Signature	Date:	1 / 5 /	